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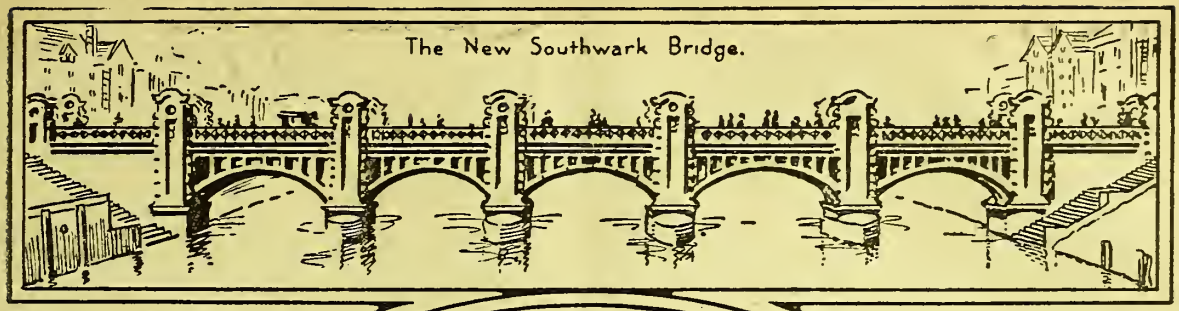
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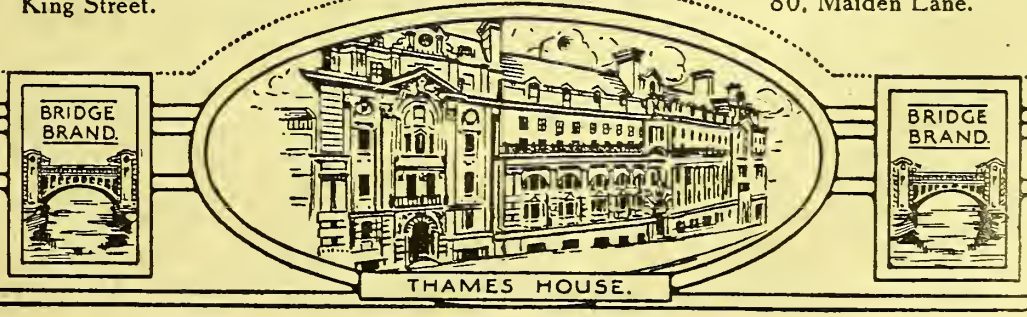
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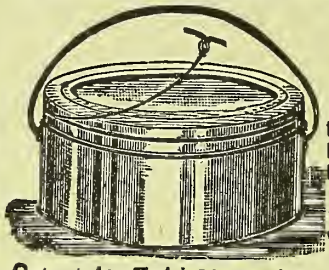
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The Secretary will send full particulars.

SOTOL

Effervescing Tablets

dissolve into a fragrant, antiseptic, neutralising "bath" for the mouth and throat which supplements the admirable execution of the tooth-brush—an implement which cannot reach the throat. SOTOL does. It is in the mouth and throat that numerous illnesses are started, and the most scrupulous care is necessary to keep them clean and free from germs. A SOTOL gargle effectually washes the throat as well as the mouth, expels harmful germs likely to cause trouble; and is the most approved method of thoroughly cleansing the mouth and throat. (SOTOL is not swallowed, but after the throat has been cleansed is "brought back" and ejected from the mouth.) Also equally effectual as a nasal douche.

Samples and full particulars from the Manufacturers—

The WESTERN DENTAL MFG. Co., Ltd.

74 WIGMORE STREET - LONDON, W. 1

F. DARTON & CO. MANUFACTURING OPTICIANS,

CLERKENWELL OPTICAL WORKS,

142 ST. JOHN STREET, and 52 CLERKENWELL ROAD.

Telephone No.: 1891 CENTRAL. Telegrams: "EXCEPTIONAL LONDON."

LENSES

FOR ALL KINDS OF MAGNIFIERS, especially those used for **Medical, Dental** and **Ophthalmic** purposes.

We have just completed the furnishing of our factory with up-to-date machinery for the rapid and accurate manufacture of the above, and can guarantee a promptness in delivery second to none of any quantity. We invite inquiries for quotations and samples.

PRESCRIPTION AND REPAIR DEPARTMENT.

In this most necessary branch of our business we have the latest improved electrical machinery. A special staff of experienced workmen entirely devoted to the execution of **Repairs** and dispensing of **Oculists' Prescriptions** enables us to dispatch all commissions by return mail.

For the ATTENTION of the DISCRIMINATING CHEMIST

LABELS IN BLACK AND COLOUR, BANDS, SEALS, ETC.

THE Distinctive Quality of our Printing & Stationery for Chemists & Druggists has received universal approval for more than —— 90 YEARS. ——

DESIGNS FOR PERFUMERY AND ALL OTHER FANCY PREPARATIONS.

SUTTLEY & SILVERLOCK, LIMD

CHEMISTS & GENERAL LABEL PRINTERS,

BLACKFRIARS, LONDON, S.E.

"FARRIS'S"

The Real Old-fashioned Air Bleached

BEES-WAX

GUARANTEED ABSOLUTELY PURE.

Immediate Delivery from Stock.

The only actual Manufacturing Wax Chandler in the City of London.

WAXES AND OILS OF EVERY KNOWN KIND

CHARLES FARRIS, 71 BISHOPSGATE, LONDON, E.C.2.

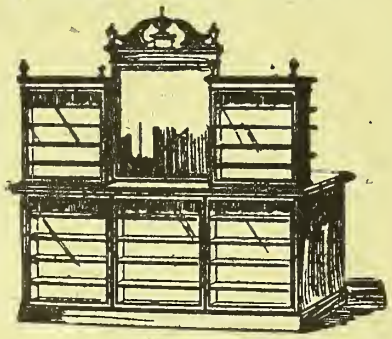
Works: HELMET COURT, BISHOPSGATE *ESTABLISHED 1845.*

Telephones: London Wall, 9397 and 9398. Telegrams: "Waxiness, Led, London."

Shopfittings

of every kind for large or small jobs.

We invite Chemists to send to us at any time, stating requirements.



ESTABLISHED 1826.

Philip Josephs & Sons, Ltd.

93 OLD ST., LONDON, E.C. 1.

'Phone: 9057 London Wall.
Wires: "Josiphiah, Finsquare, London."

KAY BROTHERS, Ltd.
STOCKPORT.

Advance in prices as and from November 1, 1917.

P.A.T.A.

Kay's "LINSEED COMPOUND."

Advertised Price. Size.	Minimum Retail Price.	Minimum Wholesale Price per Doz.
11½d.	11½d.	9/6
1/3	1/3	12/6
3/-	2/11	30/-
5/-	4/9	47/6
12/-	11/6	121/6

Kay's TIC PILLS

11½d.	11½d.	9/6
1/3	1/3	12/6

"MOUNTAIN FLAX" (Linum Catharticum) PILLS.

11½d.	11½d.	9/6
1/3	1/3	12/6
3/-	2/11	30/-

Kay's THROAT LOZENGES

11½d.	11½d.	9/6
1/3	1/3	12/5

Less cash discount of 5% on £5 lots.

TELEPHONE: CITY 7 PRIVATE BRANCH EXCHANGE
TELEGRAMS: ELEVEN CENT LONDON

S·MAW·SON·&·SONS LTD
7/12 ALDERSGATE STREET
LONDON
ENGLAND

CABLES: ELEVEN LONDON
CODE: A:B:C 4TH & 5TH EDITION

Maw's Page.

NUMBER 316. NOVEMBER 3, 1917.



Each Capsule contains the equivalent of 1 fluid drachm of Ammoniated Tincture of Quinine.

BRITISH CAPSULES FOR THE COLD·&·CATARRH SEASON

For obvious reasons Ammoniated Quinine, prepared in tasteless and portable form, has become increasingly popular with the public.

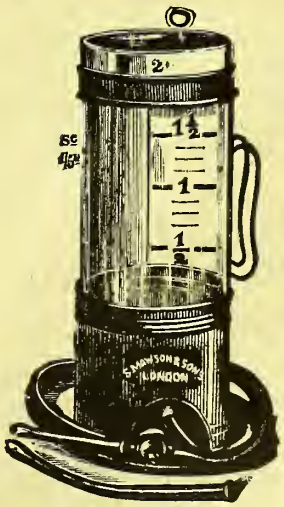
Ammoniated Quinine, 5/9 & 10/6 per doz. tins.

Ammoniated Quinine & Cinnamon, 6/9 & 12/- per doz. tins.

Put up in 12 or 24 elegant divisioned tins.

ALL-BRITISH DOUCHES

The famous **"CRYSTAL"** is fitted with glass lining in white japanned frame. It is complete with a 6-ft. length of red or black tubing and the usual vulcanite rectal and vaginal pipes and stopcock.



PRICES:

2 pint	3 pint	4 pint
63/-	66/-	75/- per doz.

HOURS OF BUSINESS: 8.30 a.m.—5.30 p.m. CLOSE AT 1 p.m. SATURDAYS.



THE WORLD'S KEENEST BUYERS WILL TELL YOU THAT THE SUREST WAY TO ATTRACT LADIES TO YOUR ESTABLISHMENT IS TO STOCK AND SHOW THE EVAN WILLIAMS' ORIGINAL HENNA SHAMPOO

The demand for this Perfect Shampoo is increasing by leaps and bounds, and as a selling proposition there is nothing to equal it.

Our Autumn Campaign of Publicity is now in full swing. This aims at bringing ladies to your establishment, and includes post, press, and window advertising. Write to-day for full particulars of our Special Trial Order.



The EVAN WILLIAMS CO., Ltd. 13 & 18a Ogle Street, Foley St., London W. 1.

(3)

"LESCOL" FLORAL PERFUMES

NOTICE !

We strongly advise Chemists before purchasing their Christmas lines to send us particulars of their requirements, and complete Price List will be sent, or one of our representatives will call with full set of samples when in their vicinity.

We are holding a large stock at remunerative prices

LESCOL PERFUMERY CO., Lomond Grove, Camberwell Green, LONDON, S.E. 5.

Telephone: 810 HOP. (Proprietors: The London Essence Co.) Telegrams: "VANILLIN, CAMBER, LONDON."

MEDICATED "CUTANEOUS" SOAP.

A Soothing, Emollient, Super-Creamed Soap, Deliciously Perfumed with Olde English Lavender.

LADY BYRON writes : *"I can recommend Cook's fragrant "Cutaneous" Soap as the most delicious skin balm I have ever used."*

Wholesale **6d.** per tablet. Retail **9d.** per tablet.

EDWARD COOK & CO., Ltd.

Soapmakers by Appointment to H.M. the King,

The Soapery, Bow, London, E. 3.

1917

We can deliver at once New 1917

HIGHEST QUALITY NORWEGIAN MEDICINAL NON-FREEZING

COD LIVER OIL

PROMPT DELIVERY

REGISTERED TRADE MARK

LOWEST PRICES

ISAAC SPENCER & CO. (ABERDEEN) LTD. ABERDEEN

1/- for 6d. !

"THE SOAP without a smart in it."

You are meeting an encouraging demand for British Shaving Soaps. Consider "Regina." In addition to its merits as a high-class product, the profit on

"THE SOAP that never 'bites.'"

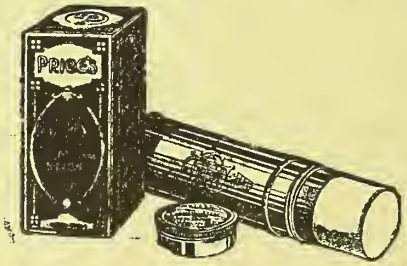
PRICE'S

"REGINA" SHAVING STICK

IS AN ATTRACTIVE PROPOSITION.

It costs you 6d., and retails at 1/-

AND EACH STICK BRINGS REPEAT ORDERS.



SEND A CARD *TO-DAY* FOR SAMPLE, AND JUDGE OF ITS MERITS.

PRICE'S, BATTERSEA, LONDON, S.W. 11.

SCIENTIA B&B Co DILIGENTIA

LYSOL

(SURGICAL ZOTAL)

The Ideal Germicide & Antiseptic.

Burgoyne's Lysol is a pure cresol preparation containing fifty per cent. of absolute Cresylic Acid, and is perfectly neutral.

NON-CORROSIVE AND CLEANLY IN USE.

SUPPLIED TO THE LEADING HOSPITALS.



Packed in 4 oz., 8 oz., 16 oz., and 32 oz. Bottles.

Burgoyne, Burbidges & Co. LTD.

EAST HAM——————LONDON, E.

Telegrams: "Zotalene, 'Phone, LONDON."
Telephone: EAST HAM 686 (four lines).

PASTILLES (Pharmaceutical Quality).

Antiseptic Throat
Glycerine
Glycerine and Black Currant
Eucalyptus and Menthol
Etc. Etc.
— 4-lb. free tins, 2/ per lb.

CAPSULES. Per 1,000. Boxes of 24.

Santal Oil, 10 m. ... 98/- ... 31/- doz.
„ „ 10 drops 72/- ... 23/6 doz.
Copaiba Balsam 10m. 14/- Boxes of 36 9/- doz.

SACCHARINE TABLETS

½ gr. 330 in 1.

per lb. 120/-
100's .... 22/6 doz.
200's .... 44/- doz.
500's .... 106/- doz.
1,000's .... 210/- doz.
— Cash with Order.

JULES DENOUAL & CO.,
Carlton Works,
ASYLUM ROAD, S.E. 15.

FINE ART PRINTING

If you require EFFECTIVE DESIGNS FOR LABELS, CARTONS, WRAPPERS, ENVELOPES, &c. &c., PLATEWORK, Letterpress or Lithographed in Colours, apply to

JAS. F. WILKINSON
(Exors.: G. F. Berry and J. S. Driver),
Specialist in Printing for the Drug Trade,
PENDLETON, MANCHESTER
Telegrams: "Reindeer, Manchester." 'Phone: City 1102.

SEEGEROL



Are YOU making money out of SEEGEROL?

IF you fail to push Seegerol NOW you miss a golden opportunity.

A Big Advertising Campaign

—the most strenuous and impressive ever undertaken in this line—is bringing the incomparable merit of Seegerol for Grey or Faded Hair before the public—is directing the public demand to *your* shop.

Chemists who keep Seegerol to the forefront to-day are reaping a rich reward by pushing a sound article at a popular price. Seegerol is unquestionably the safest and the most satisfactory hair-tint on the market. It retails at 2/6 the flask, and there are seven tints—brown, dark brown, light brown, black, auburn, golden and blonde.

Write for terms to—

SEEGEROL LABORATORIES,
1 Tabernacle St., Finsbury, London, E.C. 2.

NOTE.—Steps are being taken to put this proprietary on the P.A.T.A. list to absolutely maintain the retail price.

SAVE 3/- PER GALLON

BY BUYING

GUARANTEED GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL." Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F. Established 1780.

DECOLTENE The liquid hair remover



Dinkie the Dainty Deodorant

The intelligent depilatory. Simple, safe and effective. Pleasant and harmless. Invaluable during the décolleté vogue. Daintily packed.

An attractive line that enjoys good sales. A greaseless Cream, that takes the odour out of perspiration. Daintily packed in opal jars.

Ask your wholesaler. Both articles largely advertised.

SATISFACTION GUARANTEED OR MONEY BACK.

TRADE TERMS.

DECOLTENE. Advertised and min. Retail price **3/9**
Trade 30/- per doz.

DINKIE. Advertised and min. Retail price **2/6**
Trade 20/- per doz.

5% cash with order. Carriage paid on £1 lots. Particulars on request.

ROBARTES, LTD., 128 JERMYN STREET, LONDON, S.W.1

Telephone - - Gerrard 3672.

"PLANO"

2D. per tablet.

FOR CHAPPED HANDS AND ROUGH SKIN

SELLS AT SIGHT,

pleases your customers, and

YIELDS 100 PER CENT. PROFIT

3 doz.	4/-	2 gross	2½%	13 to doz., for cash with order.
6 doz.	7/-	5 gross	5%	Carriage paid.
12 doz.	13/-	10 gross	7½%	

Advertising matter supplied.

MILNER'S CHEMICAL CO., LIVERPOOL.

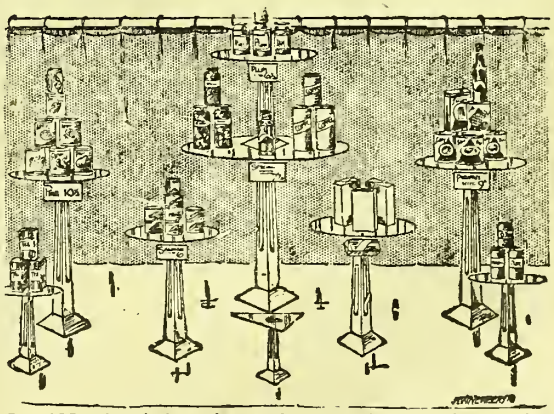
W. DAVIS
100 WOOD ST., E.C 2
Phone: CITY 8220

SHOPFITTERS & SUNDRIES DECORATIVE & NEEDFUL

W. DAVIS
100 WOOD ST., E.C. 2
'Phone: CITY 8220.

For OPEN WINDOW DISPLAYS. **For OPEN WINDOW DISPLAYS.**

WRITE FOR OUR LIST SHOWING MANY NEW DESIGNS FOR OPEN WINDOW DISPLAYS.



Set 139.—Consisting of 1 27 in., 2 24 in., 3 12 in. 3 9 in. POLISHED OAK PEDESTALS, with 1 24 in. × 18 in., 2 18 in. × 12 in., 2 16 in. × 10 in. OVAL PLATE GLASS SHELVES; 1 12 in. Angle and 3 10 in. Circles.

74/- Complete.

Our WINDOW PAPERS are 2/9 per roll of 12 yards, 21 in. wide—WRITE FOR SAMPLES.



The Finest Quality Aerated Waters are made only with the Finest Quality ESSENCES

Boake Roberts'

Soluble Essences are of the finest quality and being extremely concentrated are most economical

Lemon	Ginger Ale
Orange	Stone Ginger (Cloudy)
Ginger	Clear Ginger Beer
Raspberry	Kola Champagne
Strawberry	Lime Juice and Soda
Pineapple	Lemon Squash Vanilla

A. Boake Roberts & Co. Lᵗᵈ
Stratford, London



They all need one

Every Soldier on home or active service, every Sailor in the Navy or Merchant Service, every fighting man on land or sea, in the air or under the ocean, needs a

THERMOS

many times **every** day. Are you doing your share in supplying this immense demand? If not, you are losing business and profits. It is no platitude to say that **THERMOS** sells itself; it is a fundamental truth. It is a psychological force you can put into motion to increase your turnover if you feature the genuine **THERMOS** in your windows.

CATALOGUES, ETC., ON REQUEST.

THERMOS, LTD.

Byron House,
2 & 4 Finsbury Street,
LONDON, E.C. 2.

Important Notice

AS HAS BEEN ANNOUNCED

in the Protected List of THE P.A.T.A. the MINIMUM RETAIL SELLING PRICE of

Kutnow's Powder

IS NOW 2/9 PER BOTTLE (FACE VALUE)

This yields a considerable increase of profit to chemists; nevertheless Messrs. KUTNOW are keeping to their wholesale price, as hitherto, in spite of the enormous rises in the cost of all the materials, bottles and everything else in connection with the manufacture of KUTNOW'S POWDER. In view of the above facts, Messrs. KUTNOW trust that both the wholesale and retail trade will co-operate with them in creating a still greater demand for KUTNOW'S POWDER, and that no substitutes for KUTNOW'S POWDER will be offered to the public in future.

What The Trade Think

A SENSIBLE ADJUSTMENT

The general opinion of the Retail Trade was graphically expressed (when the intended change was announced) in one word—"GOOD!" As the new arrangement is so strongly endorsed by the Trade, Messrs. Kutnow will appreciate the co-operation of the Trade by their carrying a good stock of Kutnow's Powder and making a Window Show of it. Please fill in the adjoining coupon.

SEND THIS COUPON FOR SHOWCARDS & COUNTER BILLS

To S. KUTNOW & CO., Ld.,
41 Farringdon Road, London, E.C. 1.

Please send me Showcards and Counter Bills, carriage paid.

NAME.....

ADDRESS.....

.....

"Chemist & Druggist," Nov.3, 1917.

S. KUTNOW & CO., Ld., 41 Farringdon Road, London, E.C. 1.

A Good Line and all British



AQUAPERIA

A Harrogate Aperient Water, supplanting German and Austrian Waters. It will be found a very profitable line, satisfactory both to Chemist and Customer.

Bottled by CAMWAL Ltd. at their Spring.

HARROGATE.

Of all Wholesale Houses and

CAMWAL Ltd.

LONDON BRISTOL MANCHESTER HARROGATE & DEPOTS. BIRMINGHAM MITCHAM

Aquaperia

A Harrogate Aperient Water



THE FRENCH NATURAL MINERAL — WATER. —

VICHY-CÉLESTINS

DISORDERS of the LIVER, GOUT,

Diabetes, Rheumatism, Gravel, &c.

VICHY-ETAT PASTILLES.

Two or three Pastilles after each meal facilitate Digestion.

CAUTION.—Each Bottle from the STATE SPRINGS bears a neck label with the words "VICHY-ETAT" and the name of the SOLE AGENTS: IN RAM & ROYLE, Ltd., Bangor Wharf, 45 Belvedere Road, LONDON, S.E.

PROPERTY OF THE FRENCH GOVERNMENT.

WINCARNIS

Sells readily ALL the time.

COLEMAN & CO., Ltd., Wincarnis Works, NORWICH.

IMPORTANT NOTE TO CHEMISTS WITHOUT LICENCES

It has been established by law that Registered Chemists may sell "Wincarnis with Quinine" *without* a licence.

EUCALYPTUS OIL

(RECTIFIED).

Eucalyptol Content	70/80 %
Optical Rotation	0 to 1
Specific Gravity	·919 to ·928

Absolutely Free from Phellandrene.

Quotations by cable. *Wholesale Trade only.*

BURNSIDE & COMPANY

Eucalyptus Oil Distillers,

VICTORIA, AUSTRALIA.

New Postal Address— 439 Flinders Lane, Melbourne.

Cables—"Burnside Company, Melbourne."

F. M. RUDD,

Bronson,

MICHIGAN,

U.S.A.

GENUINE AMERICAN PEPPERMINT OIL

"Columbia" Natural
"Diamond White"
Re-distilled.

Finest qualities for Druggists, Distillers and Confectioners.

Sole Consignees in United Kingdom—

R. W. GREEFF & CO.

Thames House,

Queen St. Place, LONDON, E.C.

THE MOST ECONOMICAL INFANTS' FOOD.

TRADE MARK "FRAME FOOD"

ON P.A.T.A. LIST. *SHOWCARDS FREE.*

FRAME FOOD CO., Standen Road, Southfields, London.

LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants,
Manufacturing Chemists

HULL

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	9d.	6/6
* " " " " "	1/6	13/-
* " " " " bottles in cartons	1/6	13/-

**Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.*

Owing to the great increase in the cost of raw material and containers for our Losall's Salt, we are compelled to raise the trade prices, but the retail protected prices are proportionately increased.

LOSALL'S COMPOUND SULPHUR SOAP.
A valuable emollient medicated skin soap, especially suitable for use in Eczema — 1/6 — 13/6

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

Recommend it for Convalescence



Doctors prescribe Turtle Soup in all cases where the patient cannot retain any other nutriment.

FREEMANS
REAL TURTLE EXTRACT

is the real meat of selected West Indian Turtles, compressed into handy tablets; it provides all the delicacy and nourishment of soup made from fresh killed turtles, and is quickly prepared as it requires nothing but boiling water.

For hospitals, nursing and convalescent homes it can be strongly recommended as the best, safest and handiest invigorator obtainable.

The trade terms are particularly favourable, and particulars can be obtained by writing to

The Watford Mfg. Co. Ltd.
Delectaland, WATFORD

Freeman's FOOD PRODUCTS Watford S.A.A.

Dr. Allinson's Food Preparations

FOR ALL AGES AND CONDITIONS OF HEALTH AT FIRM AND PROTECTED PRICES.

Food for Babies, Prepared Barley, Brunak, N.-F. Cocoa, Biscuits, Soup, Wholemeal, &c.

See Trade Mark "T. R. Allinson" on all our goods—None Genuine Without.

SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above in stock; if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd.,
Cambridge Road, Bethnal Green, LONDON, E.

All advertising matter—Booklets, Window Displays Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price List we issue to the trade, and we are pleased to exchange any article which may be out of condition.

MEDICAL DISPENSING BOTTLES.

T. FERRY & SON, Ltd.

PARK LANE GLASS WORKS,
GATESHEAD-ON-TYNE.

Telegrams: "BOTTLES GATESHEAD." **Telephone: 70 GATESHEAD.**

THE MARK OF HIGH QUALITY TRADE MARK

THE CHEMICAL FEATURE OF THE WAR

ACETYL-SALICYLIC ACID

The "M. & J." Brand—
Our Own Manufacture

THE MARK OF HIGH QUALITY TRADE MARK

With an uniform pearly-white fine crystalline flake—a melting-point of 135°—137° C.—absolute freedom from uncombined acids—100% therapeutic activity, we unhesitatingly affirm that the "M. & J." Acetyl-salicylic Acid is the finest "Aspirin" manufactured in Britain. We confidently invite comparison with the original "Bayer" or any other brand.

Extract from THE CHEMIST AND DRUGGIST: "ACETYL-SALICYLIC ACID.—Menley & James, Ltd., are now manufacturing this chemical at their works in Camberwell, which are managed by a competent chemical engineer. The aspirin is of a higher melting-point than is given in the British Pharmacopœia, 133° to 135°, which is now known to be 2° lower than the pure acid and the aspirin made by Bayer. Menley & James's aspirin is from 135° to 137°, and is perfectly destitute of acetic odour—in fact, is a stable chemical, and does not induce the gastric acidity which is much complained about, and which is believed to be due to the presence of homologous acid, from which the Menley product is free."

WE INVITE YOUR INQUIRIES FOR CRYSTALS OR TABLETS IN **LARGE** OR **SMALL** QUANTITIES FOR **IMMEDIATE** OR **FORWARD** DELIVERY.

MENLEY & JAMES, Ld., Manufacturing Chemists, "Menley House," Farringdon Rd., **LONDON, E.C.**
Contractors to H.M. WAR OFFICE **Works: CAMBERWELL, LONDON, S.E.**

List of the Saccharin Corporation's Pure Pharmaceutical Products and "Ciba" Preparations.

NOVOCAIN
(The original Local Anæsthetic)
Tablets 1/6 & 3/- per tube
Powder 1/6 & 7/- per bottle

PHYTIN
(Brain and Nerve Food)
Capsules and Cachets 3/6 per box
Powder 8/7 & 17/2 per bot.

FORTOSSAN
(Phytin with Milk Sugar)
Powder 2/4 per box

FERROPHYTIN
(Phytin with Iron)
Pills 2/1 per bottle

QUININE-PHYTIN
(Quinine with Phytin)
Tablets 1/2 per tube

TRIVALIN
(The Morphia Substitute)
Six Ampoules 2/6
Capsules 1/6 & 5/-

TRIVALIN-HYOSCINE
(Trivalin with Hyoscine)
Six Ampoules 2/6

DIGIFOLIN
(New Digitalis Preparation)
Tablets 1/2 per tube
Ampoules 2/4 per box

PERISTALTIN
(Intestinal Evacuant)
Tablets 1/2 per tube
Ampoules 5/4 per box

COAGULEN-CIBA
(Hæmostatic)
Powder 1/6 per bottle
Also in Tablets & Ampoules

YOHIMBINE-CIBA
(Aphrodisiac)
Tablets 5/- per box

DIAL-CIBA
(Hypnotic and Sedative)
Tablets 1/6 & 5/6
Crystals 7/6 & 18/9

LIPOIODINE-CIBA
(Iodine Fatty Acid Compound)
Tablets 1/3 & 2/4 per tube

VIOFORM
(Substitute for Iodoform)
In dredgers 11d.

ELBON-CIBA
(Antipyretic and Antiseptic)
Tablest 2/1 per tube

SALEN
(New Salicylic Acid Liquid Preparation)
3/- per bottle

SALENAL
(Unguentum Salenæ)
1/2 per tube

SOCIETY OF CHEMICAL INDUSTRY IN BASLE (Switzerland).
ESTABLISHED 1864.

BRANCHES:
ST. FONS (France), MILAN, PETIT-HUNINGUE, MONTHEY (Switzerland).
ALLIED WORKS:
CLAYTON, near MANCHESTER; MOSCOW.

SOLE AGENTS:
THE SACCHARIN CORPORATION, LTD.
36/37 Queen Street, London, E.C. 4.
DUBLIN DEPOT: The Pharmacy Glasnevin
(B. R. Allshire, M.P.S.I.)

9d



Make your old Hat a new one.

In bottl s, 9d. each, in separate neat cartons, with suitable brush.

These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

NO GLOSS. NO POLISH.

On the P.A.T.A.

WRITE FOR TERMS, PATTERNS, ALSO LEAFLET OF TESTIMONIALS.

"Luton" HAT DYE

WHITAKER & CO., COLOUR WORKS. KENDAL, ENG.

London Depot; 60-62 Clerkenwell Road, E.C.

"Glossy" Series supplied if desired.

Special Non-Inflammable Series for Export. *Est. 1878*

Telegraphic Address: "Dullette Kendal." Telephone: No. 214.

TITTERTON'S CELEBRATED HAIR BRUSHES

GOOD PROFITS are made by selling TITTERTON'S CELEBRATED BRUSHES

(Hair, Tooth, Nail & Shaving Brushes).

They have a world-wide reputation for excellence of quality, and perfection of workmanship. Should be stocked by all Chemists desiring to give the public the best value for money.

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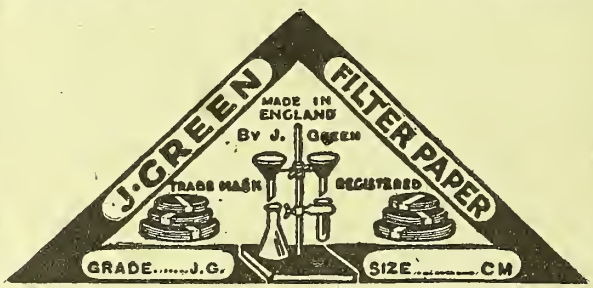
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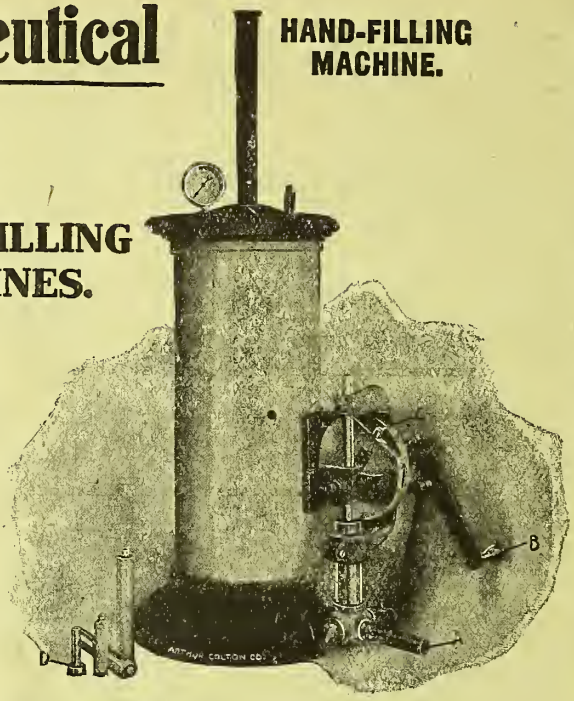
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Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(*From "The Trade-marks Journal," October 24, 1917.*)

"SOLVIT BRAND"; for all goods (1). By Gaurmet & Co., 2 and 4 Mount Pleasant, W.C. 1. 379,418. (Associated.)

"INSECTICIDE SYNTHENE BRAND," for chemicals (2); "LAXATIVE SYNTHENE BRAND," for medicinal chemicals (3). By Sarah H. Maconochie, 128 High Holborn, W.C. 1. 378,585/6.

"LETHOS"; for insecticides (2). By F. E. and H. T. Tidswell and J. W. Dougal, 51 Holloway Road, N. 7. 378,665.

Device including word "TEREBENE" and picture of pine tree, for disiufectant soap (2), and for medicated soap (3); "COLOSSUS," for perfumery, etc. (48). By F. S. Cleaver & Sons, Ltd., Gould Road, Twickenham. 379,039/040. (Associated.) 379,550.

"DRESSING SANDFORDINE BRAND"; for all goods (3). By C. N. P. Ehrhardt, 95 Rue Jouffroy, Paris. 376,837.

"TABLETS ASQUIN BRAND"; for a medicine (3). By R. Drane, Ltd., 16 Queen Street, Cardiff. 376,972.

"ALKALINE APERIENT SALT URICELYN BRAND," and "BACTERIOLOGICAL PEPTONE EUPEPTON BRAND"; for medicinal chemicals (3). By Allen & Hanburys, Ltd., 37 Lombard Street, E.C. 3. 377,240, 378,306.

"LIQUID PARAFFIN PALATOL BRAND"; for a medicine (3). By M. W. Lloyd, Conway Road, Colwyn Bay. 377,378.

"LINIMENT HERNITE BRAND"; for a liniment (3). By Le Brasseur Surgical Manufacturing Co., Ltd., 90 Worcester Street, Birmingham. 378,295.

"EFFERVESCING POWDER PARVUS BRAND," for a medicinal beverage (3); "EFFERVESCING POWDER EPSAL BRAND," for medicinal chemicals (3). By Cerebos, Ltd., Station Road, Grantham, Durham. 378,939, 379,498.

European War News.

Import and Export Notice.

CANADA.—Exports to the Scandinavian countries and the Netherlands from Canada have been placed under embargo by the Canadian Government. Prohibited articles include all chemicals, drugs, dyestuffs, and tanning materials; non-edible animal and vegetable products; medical, surgical, laboratory, and sanitary supplies and equipment; gums, rosins, tars, and waxes, their products, derivatives, and substitutes, and all articles containing them.

SWEDEN.—Zinc ore, tooth-powder, and tooth-paste have been placed on the list of prohibited goods for exportation from Sweden to all countries, and also in transit through Sweden.

Personalia.

CORPORAL J. W. MAWSON (Mawson & Co., manufacturing chemists, West Norwood, London, S.E.), who joined the Army early this year, has been appointed to the headquarters staff of a war hospital.

TEMPORARY CAPTAIN F. R. TURNER, Sherwood Foresters (Nottinghamshire and Derbyshire Regiment), who prior to the war was with Robinson & Sons, Ltd., Chesterfield, has been awarded the Military Cross for gallantry in the field.

SERGEANT PAUL WYNNE TIGHE, R.A.M.C., who was recently awarded the Military Medal for bravery in the field, is lying seriously ill in a military hospital. Sergeant Tighe is the son of Mr. John Wynno Tighe, chemist and druggist, High Street, Exeter.

LIEUTENANT CYRIL PARKINSON, Royal Flying Corps, son of Mr. Herbert Parkinson (R. Parkinson & Sons, chemists and wholesale druggists, Curzon Street, Burnley), has been severely injured in a flying accident, and is in hospital in England. He has served for nine months in France.

Miscellaneous.

ENEMY PATENTS.—Farrow & Jackson, Ltd., are applying for licences to use the Seitz patents (8406/05, 10538/05, and 13506/10) for filters and filtering media. The hearing will take place at the Patent Office Court on November 8.

PAPER RESTRICTIONS.—The "London Gazette," October 26, contains the Paper Restriction (Posters and Circulars) Consolidation Order, 1917, which is made under Regulations 2F, 2G, and 2JJ of the Defence of the Realm Regulations. The new Order consolidates the Orders issued on March 2 and 17, and general licences of April 18 and August 20, restricting the use of paper for the purpose of posters, catalogues, price-lists, and advertising circulars.

TAR OILS.—The Order of the Minister of Munitions, dated July 13, 1917 (see *C. & D.*, July 21, p. 33), relating to creosote and other oils produced from the distillation of coal-tar has been cancelled as from November 1, 1917, it having been replaced by a new Order published in the "London Gazette" of October 26, which, *inter alia*, has fixed maximum prices. Possession is taken by the Minister of Munitions of all tar oils in the United Kingdom produced or derived from gas-coal tar or coke-oven tar of a specific gravity of 1,000 or exceeding 1,000, or produced or derived from water-gas tar, producer tar, or Mond-gas tar of any specific gravity.

Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, November 5.

Society of Chemical Industry, London Section, Burlington House, Piccadilly, W., at 8 P.M. Dr. F. W. Hay on "Patent Law in Relation to British Chemical Industry."

Tuesday, November 6.

The Röntgen Society, Royal Society of Arts, John Street, Adelphi, London, W.C., at 8.15 P.M. General meeting, Presidential address, and exhibition of apparatus and radiographs.

Wednesday, November 7.

Pharmoceutical Society of Great Britain, 16 Bloomsbury Square, London, W.C., at 11 A.M. Council-meeting.

Liverpool Chemists' Association, Royal Institution, Colquitt Street, at 8 P.M. Mr. Martin S. Hughes, lantern lecture entitled "With Cycle and Camp in Counties Kerry and Cork." Ladies are invited.

Thursday, November 8.

North London Pharmocists' Association, Progressive Pharmacy Club, Arundel Hotel, Arundel Street, London, W.C., at 3 P.M. Ordinary meeting.

Salford Phormocists' Association, 40 The Crescent, at 8.30 P.M. Mr. Jas. Grier, M.Sc., will deliver an address on "Education, the Ministry of Health, Herb-growing, etc."

Cocaine and Opium Regulation.

Further alterations have been made in Regulation 40B of the Defence of the Realm Regulations. These are in reference to opium prepared for smoking and to the keeping of the cocaine and opium registers—expansions of the previous regulations. The amendments as given in the "London Gazette," October 26, are as follows:

Regulation 40B shall be amended as follows:

(1) By the substitution of the following new sub-section for Sub-section (7):

"(7) If any person—

(*a*) prepares opium for smoking; or

(*b*) deals in or has in his possession any opium prepared for smoking; or

(*c*) being the occupier of any premises permits those premises to be used for the purpose of the preparation of opium for smoking or of the sale or smoking of opium prepared for smoking; or

(*d*) is concerned in the management of any premises used for any of such purposes as aforesaid; or

(*e*) has in his possession any pipes or other utensils for use in connection with the smoking of opium or any utensils for use in connection with the preparation of opium for smoking; or

(*f*) frequents any place used for the purpose of opium-smoking;

he shall be guilty of a summary offence against these regulations."

(2) By the substitution of the following new sub-section for Sub-section (8):

"(8) Every person who has dealings in cocaine or opium (including sales to persons outside the United Kingdom) shall comply with the following provisions:

(*a*) He shall enter or cause to be entered in a book kept for the purpose such particulars with respect to all dealings in cocaine or opium effected by him as the Secretary of State may prescribe:

(*b*) He shall make the entry with respect to any transaction on the day on which the transaction is effected;

(*c*) Where he carries on business at more than one set of premises he shall keep a separate book in respect of every set of premises:

(*d*) He shall keep the book in some part of the premises to which it relates so that it shall at all reasonable times be available for inspection by any person authorised in that behalf by the Secretary of State, and shall allow any person so authorised at all reasonable times to inspect it:

(*e*) He shall not cancel, obliterate, or alter any entry in the book or make therein any entry which is untrue in any particular.

If any person fails to comply with any of the provisions aforesaid he shall be guilty of a summary offence against these regulations."

A few minor alterations have also been made in Regulation 40C, which deals with the use of drugs for feigning disease.

Business Changes.

Mr. H. W. Harbie (C. R. Harker, Stagg & Morgan, Ltd.) has temporarily removed to 81 Old Christchurch Road, Bournemouth.

Mr. Thomas Gibson has purchased the business lately carried on by Mr. E. N. Jackson, chemist and druggist, at 87 Dickson Road, Blackpool.

The Stock of the late Mr. S. H. Cadoux, chemist and druggist, 44 Belvoir Street, Leicester, has, by direction of the executors, been disposed of by auction.

Mr. E. Maycock, chemist and druggist, has purchased the branch business of Taylor, Brawn & Flood, Ltd., at Market Place, Ampthill, Beds, of which he has been manager for the past five years.

The Pelham Surgical Instrument Co., Ltd., having outgrown their premises at Nottingham, have moved into a new factory known as "Record" Works, Chaucer Street, Nottingham. The company are the makers of the "Record" syringes and other surgical requirements. The London and export agents are Wilfred Turner & Co., Ltd., 30 Craven Street, Strand, London, W.C. 2.

The pharmacist has been so careless of his position in the social economy as to leave the public ignorant of his deserts.—*Hugh Craig.*

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Contracts.

The following tenders have been accepted by the public bodies named:

Bethnal Green Guardians.—Baiss Bros. & Co., Ltd., drugs.

London County Council.—Baiss Bros. & Co., Ltd., Boot's Pure Drug Co., Ltd., Corbyn, Stacey & Co., Ltd., T. Hodgkinson, Prestons & King, Willows, Francis, Butler & Thompson, Ltd., and W. G. Taylor, drugs, etc.

Southwark Borough Council.—Newton, Chambers & Co., Ltd., Izal preparations.

Hull.

Mr. E. Haworth Earle, King Edward Street, a well-known pharmacist, produced at the Corporation Banqueting Hall, on October 25, a poetic drama entitled "Griselda." The Lord Mayor was present as patron, and the proceeds were devoted to the Hull and East Riding Fund for Local Units and Prisoners of War. Mrs. Earle represented Griselda and Miss Phyllis H. Earle Simonetta, daughter of Griselda. Mr. Earle appeared as a bishop.

Mr. John R. Kirkus, a retired Hull pharmacist, has been interviewed by a local paper on his hobby of attending law cases and company meetings. After remaining behind his counter for twenty-nine years, with only twenty-one weeks' holiday, Mr. Kirkus took up, in 1897, his perhaps unique pursuit of legal onlooker, and has since averaged about seven thousand miles' journeying annually, 324 assizes and 106 meetings of railway shareholders having fallen to his "bag." Portraits of legal luminaries adorn the walls of his home.

Birmingham.

Mr. Alfred Bird, M.P. (Alfred Bird & Sons, Ltd., manufacturing chemists), has been appointed Parliamentary Secretary to the Under-Secretary of State for the Colonies, without remuneration.

The absence of Mr. Charles Thompson, Ph.C., from the annual meeting of the Birmingham Pharmaceutical Association, with which he has for many years been connected, was noted with regret.

Among recent contributors to the Lady Mayoress's Prisoners of War Fund are Chance & Hunt, Mr. W. R. Hedges, jun., chemist and druggist, and H. Thompson & Co.'s Idolice Specialities, Ltd.

At Birmingham Police Court on October 25, a man in clerical attire, advertising himself as "The well-known English Bio-Chemic Practitioner," was charged with being an absentee, and was fined 40s.

Liverpool.

Complaints of loss of trade in pharmacies owing to lack of supplies continue rife. A well-known food, which has run out of stock, is expected to be delivered at increased prices next week.

Henry Virtue Siddons, who was released on bail by a judge in chambers pending his trial at the Assizes for forging medical certificates, etc. (see *C. & D.*, September 15, p. 35), committed suicide on October 29.

Holidays in November were till now unheard of; but several local pharmacists have had to wait their turn this year for the services of a *locum tenens*, and are glad, even at this late season, to seek a health-resort.

The operation of the Venereal Disease Act has been prepared for in Liverpool by the Health Department of the City Council. Pharmacists are fully alive to their new restrictions, and have been assisted by informative circulars from proprietary firms.

The Liverpool Chemists' Association is gradually absorbing both the wholesale and retail trades, new members being proposed at each meeting. Further, the interchange of visits between the Associations on each bank of the River Mersey increases most encouragingly.

Manchester.

Mr. W. H. Delve, chemist and druggist, late of 310 Stretford Road, Manchester, has volunteered for service with the troops in connection with the Y.M.C.A. He expects to go out to France next week.

At Broughton, recently, John Ware was fined 20s. for using methylated spirit in the preparation of a beverage. Evidence for the Excise authorities was given to the effect that on July 11 women were found drinking on the defendant's premises, and the contents of a coffee-pot seized showed on analysis 7.03 per cent. of absolute alcohol in the form of methylated spirit.

Sheffield.

It is felt that the appeal of the Early Closing Association for a three days' Christmas holiday (*C. & D.*, October 27, p. 35) is not likely to receive much support locally.

Many complaints have been made of the poorness of the carbon-paper in N.H.I. scrip-books. The cause is conjectural: immediate attention to the matter is, however, promised.

It is suggested that the local Society's monthly meetings might during the winter be held on Thursday afternoons. The present restricted evening tram service prevents adequate discussion of the papers and other items.

Mr. J. G. Jackson, only son of Mr. J. Gilbert Jackson, chemist and druggist, Abbeydale Road, ex-President of the Sheffield Pharmaceutical and Chemical Society, has gained a technical bursary at King Edward VII. School.

During his recent visit to Sheffield, Admiral Sir John Jellicoe remarked that one of the many suggestions offered him for dealing with hostile submarines was to saturate the North Sea with Eno's "Fruit Salt," when the altered specific gravity would force them all to the bottom.

Miscellaneous.

Ramsay Memorial Fund.—Among recent donations to this Fund are the following: Major & Co., Ltd., 50*l.*; Mr. H. J. Tennant, M.P., 50*l.*; Chemical and Technical Staff of Curtis's & Harvey, 28*l.* 10*s.*; Burgoyne, Burbidges & Co., Ltd., 10*l.*

Winter Closing-hours.—Keighley Tradesmen's Association has decided on the closing of shops at 7 P.M. on Mondays, Wednesdays, and Thursdays throughout the winter. Tuesday is the half-holiday, and the national closing-hours will be observed on Fridays and Saturdays.

Wind Ravages.—A plate-glass window was damaged by the fall of a hanging sign which was blown down from the front of the Taylor's Drug Co.'s branch in Queen Street, Morley, during the gale which swept Yorkshire recently.—On October 24, damage was done to the premises of Francis & Co., chemists, Manchester Road, Burnley, by a severe storm.

False Pretences Charge.—At Marlborough Street Police Court, London, W., on October 26, John Osborn, a manservant with no home, was remanded on a charge of obtaining by false pretences on September 19 from Mr. Harold John Williams, chemist and druggist, two sponges and other articles, valued at 2*l.* 10*s.*, and 7*l.* 10*s.* in cash, all the property of Savory & Moore, chemists.

Military Recruiting Charge.—At the Central Criminal Court on October 31, Dr. A. M. R. Sinclair, charged with conspiring with other defendants to defeat the provisions of the Military Service Acts (*C. & D.*, August 11, p. 36: October 27, p. 35), was acquitted, the Judge remarking that there was no evidence of unfair or even incorrect classification of the recruits examined by him.

Money Orders for India.—The telegraph money-order service with British Oversea Dominions was extended on November 1 to India (including Burma), Indian Post Office agencies in French India, and Aden. A special feature of the service is the transmission of the telegrams of advice at the deferred rates, which reduces the charges by one-half. The full-rate service is available for cases of special urgency.

Food-preservation.—Demonstrations of fruit and vegetable bottling, canning, and drying have recently been given at Grosvenor House, London, W., under the auspices of the Food Production Department. No preservative is employed, sterilisation before sealing the containers being considered sufficient. A method was shown of arresting decay in unsound fruit by dipping it in a warm solution stated to contain paraffin wax, and a recipe was given for potato-flour on the lines of the one published in the *C. & D.*, August 25, p. 51. Official pamphlets on the subject may be obtained from the Food Production Department, 72 Victoria Street, London, S.W. 1.

Private Arrangement.—The creditors interested in the estate of the late John Hillen, chemist and druggist, 1 Nelson Street, Southend-on-Sea, were called together on October 23, when a statement of affairs was submitted showing liabilities amounting to 265*l.* 18*s.* 11*d.* and assets valued at 210*l.* 0*s.* 5*d.*, after allowing for the claims of the preferential creditors, the estate disclosing a deficiency of 55*l.* 18*s.* 6*d.* The business was commenced by the deceased about forty years ago, and on his death in January last was continued by the widow, who now stated that she could not continue the business, and was not prepared to make any offer. It was decided, therefore, that a deed of assignment should be executed to Mr. Parkin S. Booth, Liverpool. The following are among the creditors: Allen & Hanburys, Ltd., 5*l.*; Berdoe & Fish, 22*l.*; Barclay & Sons, Ltd., 23*l.*; Baiss Bros. & Co., Ltd., 8*l.*; W. Butcher & Sons, Ltd., 5*l.*; Butler & Crispe, 10*l.*; The British Drug Houses, Ltd., 24*l.*; Brand & Co., Ltd., 3*l.*; Blake & Mackenzie, Ltd., 3*l.*; Camwal, Ltd., 5*l.*; A. H. Cox & Co., Ltd., 4*l.*; Davis Bros., Ltd., 3*l.*; Evans Sons Lescher & Webb, Ltd., 7*l.*; D. & W. Gibbs, Ltd., 3*l.*; Hougbtons, Ltd., 5*l.*; Kodak, Ltd., 5*l.*; S. Maw, Son & Sons, Ltd., 11*l.*; Meggeson & Co., Ltd., 9*l.*; John Richardson & Co. (Leicester), Ltd., 5*l.*; Sangers, 35*l.*; Salutaris Water Co., Ltd., 4*l.*; Warrick Bros., Ltd., 8*l.*; Willows, Francis, Butler & Thompson, Ltd., 6*l.*

Irish News.

Brevities.

An outbreak of fire occurred at the premises of Mr. F. J. Fitzgerald, Pb.C., 39 Benburn Street, Dublin, on October 27. Two sections of the Dublin fire-brigade were engaged for an hour before the fire was subdued. The damage was considerable.

The Law and Finance Committee of the Cork Corporation considered, at a recent meeting, the request of the city pharmacists to have an order made for a compulsory closing of their shops at 10.30 on Saturday evenings and at 10 on other evenings, with the usual reservation as to the later sale of medicines, etc. (see *C. & D.*, October 20, p. 36). Having heard the arguments on both sides, the Committee, by five votes to three, decided to make the order.

Scottish News.

Brevities.

Aspirin tablets are being retailed at Glasgow at 9*d.* per bottle of twenty-five.

During a recent visit of a famous menagerie, an East Coast chemist was called upon to dispense an antispasmodic draught for a camel, and another's services were required for dispensing an asthma-remedy for a "wee monkey."

Considerable feeling has been occasioned by the halting attitude of the authorities in regulating the sale of glycerin. Some chemists who have a stock are said still to supply "special" customers, while he who has none or patriotically declines to sell is considered "very disobliging."

Aberdeen.

The research-work of the chemistry classes at Robert Gordon's Technical College School of Pharmacy is, during the coming winter, to be devoted to fish, with special reference to the food-value of both fresh and cured varieties. The attendance is, for obvious reasons, below the pre-war level, and the proportion of lady students is larger.

Edinburgh.

At a bonded whisky sale, a few days since, the cheapest raw grain whisky fetched 50*s.* per gallon.

Bailie Inman has resigned his position as a magistrate for the city of Edinburgh, owing to ill health, but will retain his seat as a councillor.

At a recent meeting of the General Council of Edinburgh University, it was remarked as being significant that this year's increase in lady students is in the Faculties of Science and Medicine.

A chemist who has been spending a brief holiday in the North of Scotland reports that a rural acquaintance professed to have the originals of letters from Prince Charles to Robert the Bruce. Unhappily, these priceless holographs were not on view.

At a recent meeting of the Edinburgh Insurance Committee, it was stated that 2,057 names of persons not entitled to Medical Benefit had been removed from the doctors' lists, while in 1,964 cases no reply had been received to the inquiries forwarded.

At the annual meeting of the Medical Guild, formed in 1913 in opposition to the National Insurance Act, a motion was unanimously agreed to approving of the postponement of a Ministry of Health till after the war. Discussing the drawbacks of a State medical service, one doctor remarked that they had plenty of evidence in Edinburgh that insured persons were not satisfied with the medical attendance under the National Insurance Act, and added that the whole system is immoral.

Pharmaceutical "Ginger" is very scarce and almost unobtainable in Cambridge just now, writes a correspondent.

Legal Reports.

A Bookkeeper's Duties.—A further hearing of the case of Goldberg *v.* Rozen (*C. & D.*, October 27, p. 40) took place at the City of London Court on October 25, when evidence was given on behalf of the defendants to show that it was the plaintiff's duty to take the necessary shipping documents to the bank. He was not engaged to do that, but he had actually performed the duty, and therefore when he neglected to do it he was guilty of neglect of duty. Plaintiff was given a week's notice to leave, and then became impertinent. Thereupon he was instantly dismissed. Judge Rentoul, K.C., gave judgment for the plaintiff for 21*l.* (less 9*l.*), with costs.

Rating Appeal.—At the Surrey Quarter Sessions, the rating appeal was heard of the Fullers' Earth Union, Ltd., against the Assessment Committee of the Reigate Union. Prior to 1916 the company's property was assessed at 708*l.* rateable value, but in October 1916 it was increased to 5,400*l.* The company contended that the value of the property should be arrived at by a royalty, and suggested 1*s.* per ton as a fair figure. The respondents held that reference must be made to the accounts of the company to arrive at a rent for a hypothetical tenant, and put forward a figure of 3*s.* per ton as a royalty. Sir Chas. Walpole gave judgment for the respondents, and dismissed the appeal, with costs.

Toothbrush-boxes.—In the City of London Court on October 25, before his Honour Judge Rentoul, K.C., the case of Holmes *v.* Nagai was mentioned. Plaintiff, Mr. Herbert W. Holmes, trading as Bishop & Co., 63 and 64 Bartholomew Close, E.C., had obtained judgment against T. Nagai, a Japanese merchant, 29 Pentonville Road, for 9*l.* 17*s.* 3*d.* for 170 gross toothbrush-boxes supplied, and defendant had been ordered to pay in fourteen days (see *C. & D.*, October 13, p. 39). As the time was expiring, defendant asked the Court to make an order for payment by instalments of 10*s.* per month to save execution being levied. He said that business was very bad. Judge Rentoul, K.C., said there was no ground for an order for payment by instalments, and dismissed the application.

A Disputed Contract.—In the King's Bench Division on October 29, before Mr. Justice Roche, the hearing of a case was concluded in which Mr. A. P. Gustin, trading as the Stratford Small Tools Works, sued Allen & Hanburys, Ltd., 37 Lombard Street, London, for 22*l.* 10*s.*, the price of four sets of dies sold by plaintiff to defendants, and for work and materials (see *C. & D.*, October 20, p. 39). The dispute arose in connection with the supply of dies for 5-in. Spencer Wells forceps. Mr. Colam, K.C., stated that the plaintiff undertook to make the dies for a specific purpose, and he had not done so. Except for scrap, the articles supplied were useless. Mr. Justice Roche gave judgment for the defendants, with costs, holding that the tools were unfit for the purpose for which they were intended.

Sale of Food and Drugs Acts.—At St. Helens, Walter Scott, grocer, was fined 20*s.* for selling *Baking-powder* containing 28.5 per cent. of sulphate of lime.—At Greenwich, John Neighbour, 32 Lewisham Road, was fined 28*s.*, and 12*s.* costs, for selling *Mustard* containing 35 per cent. of flour coloured with turmeric.—At Upton-on-Severn, Edward Pearce, grocer, was ordered to pay 6*s.* 6*d.* costs for selling adulterated *Pepper*, which was said to contain 4 per cent. of salt. Mr. Pearce said he sold the pepper as he received it. The Bench advised him to procure a warranty in future for self-defence.—At Old Street, London, E.C., on October 23, Edward Hall, 34 Gifford Street, Kingsland Road, was fined 10*s.*, and 10*s.* costs, for selling *Vinegar* containing 45 per cent. excess of water.—At Mansfield, W. T. Frogson, grocer, East Kirkby, was fined 21*s.*, and costs, for selling *Vinegar* deficient in strength to the extent of 17 per cent.

Sale of Thymol.—In the High Court, Calcutta, on September 17, before Mr. Justice Teunon, Mr. Avetoom applied on behalf of Smith, Stanistreet & Co., Dalhousie Square, Calcutta, for a rule calling on Mr. Henry W. Dixon to show cause why he should not be restrained from selling thymol and products of ajowan-seeds. Counsel said that defendant carried on business at Dehra Dun, in the United Provinces, under the name and style Dixon Chemical Co. In 1916 an agreement was entered into between the parties by which the defendant appointed the plaintiffs the sole agents for the purpose of selling thymol and products of ajowan-seeds. Under the agreement the defendant was to supply to the plaintiffs 400 lb. of thymol a month. In October of that year a representative of the defendant came down to Calcutta and told the plaintiffs that the defendant could supply a considerably larger quantity than 400 lb. if the plaintiffs required it. The plaintiffs agreed to that. Under the terms of the agreement the defendant undertook not to sell these articles to anyone else except the plaintiffs and to Government institutions at Dehra Dun. The plaintiffs were now informed that the defendant is supplying these goods to others in violation of the terms of that agreement. Under these circumstances counsel asked for a rule calling on the defendant to show cause why he, his servants, and agents should not be restrained from selling those articles to others. His Lordship issued a rule as prayed for, making it returnable on the first motion-day after the reopening of the court. Subsequently Mr. Avetoom applied for an interim injunction, which was granted.

Medicine-stamp Act.—At Hastings on October 25, Mr. H. C. Edwards, chemist and druggist, 18 King's Road, was summoned by the Board of Customs and Excise for selling unstamped medicines which were liable to stamp-duty. There were nineteen summonses relating to pectoral balsam, rheumatic embrocation, neuralgia-mixture, diarrhœa-mixture, liver-tonic, bronchitis-cure, blood-purifier, eczema-lotion, "Invigora," and life tonic, the articles being sold at 18 King's Road, 6 Eversfield Place, and 17 Queen's Road. Mr. C. H. Kirby, London, defended, and pleaded guilty in all the cases except that of blood-purifier. Mr. A. F. Hubbard, for the Board of Customs and Excise, said that a letter had been received from defendant, stating that owing to depletion of his staff he feared that some unstamped medicines had been sold by his girl assistant. David W. Henson, who gave evidence of purchase, said that none of the purchases were made from girls. In respect to the blood-purifier, he regarded blood that required purifying as a form of disorder. For the defence Mr. Kirby said that before any communication was made to him by the Board, defendant wrote to say that the irregularities had taken place with regard to the sale of medicines, and he wanted to put the matter right. He contended this was the right method to have adopted. Purchases were made at all four shops on two of the busiest days of the year at Hastings. The fact about the depleted staffs owing to the war was matter of common knowledge. His whole staff now is eight for the four shops; before the war it was twelve, including an experienced stockkeeper, a part of whose duty it would have been to see that the medicines were stamped before being sent out. Mr. Edwards, called as a witness, said this was the first complaint that had been made against him during the twenty-five years he had been in business at Queen's Road. He had lost two assistants, three porters, and the stockkeeper. His position was similar to that of a managing director. He was informed by his manager that he was not sure whether he had sold some medicines unstamped, as he had some unstamped. On being told this he immediately telephoned through to his other branches, and then discovered more medicines unstamped, and as it was thought some might have been sold he wrote the letter referred to. Previously the medicines were all packed at the warehouse and stamped before being placed out for sale, but now they were all stamped before being sent to the branches. In reply to the Bench, he said he thought it a conscientious duty to write to the Board of Customs and Excise immediately he discovered the possibility of an offence having been committed. Mr. John Rodmell, chemist and druggist, manager of the King's Road branch, said that he reported to Mr. Edwards that he found certain preparations unstamped, and that he thought some might have been sold. He was not aware that a Customs officer had made any purchases at the shop. The Bench said there must be a conviction in all cases, though they were satisfied there had been no intention on the part of the defendant or any of his managers to do anything of a fraudulent character, but, on the other hand, the Customs officers had only done their duty in bringing the matter before the Court. The fact that Mr. Edwards had been in business for twenty-five years without any complaint against him showed that every effort was made by him to carry on his business in a proper way, and the Bench thought the case would be met by a fine of 1*l.* 1*s.* on each summons—19*l.* 19*s.* On the application of Mr. Hubbard, 5*l.* 5*s.* was allowed to the prosecution towards their costs, making 25*l.* 4*s.* in all.

Cocaine in Prescriptions.—At Marlborough Street Police Court on October 26, William Cooper, of Pope, Roach & Son, dispensing chemists, 8 St. James's Street, London, S.W., appeared before Mr. Denman to answer four summonses, issued at the instance of Detective-Inspector Curry, for violations of the Defence of the Realm Regulations in relation to the supply of cocaine. The first summons was for that, on June 3, at 8 St. James's Street, he supplied to Mrs. Gibson, of 45 Pall Mall East, cocaine, she not

being an authorised person within the definition of paragraph 40*b* of the Defence of the Realm Regulations, without complying with all the conditions laid down in sub-paragraphs (*a*) to (*e*) of the said regulation. The second summons was for that, being a dealer in cocaine, he failed to keep a record in the form prescribed by the Secretary of State of a dealing in cocaine effected by him with Mrs. Gibson as required by paragraph 8 of the regulations. The third and fourth summonses were for similar offences in connection with the sale of cocaine on August 16 to Effie Riley (address unknown). Mr. H. Muskett prosecuted for the Commissioner of Police; Mr. Kirby was for the defence. Mr. Muskett, opening the case, said the Commissioner of Police attached very considerable public importance to this case. He had no desire to aggravate the facts, but he thought that when they were stated his Worship would agree that they were a little unusual. His Worship was aware of the difficulties and troubles which had arisen owing to the promiscuous sale of cocaine. Many cases had been dealt with by him which, he believed, had been instrumental in enabling the authorities to lay down regulations dealing with the sale of this drug. The condition relevant to this case was that the drug should be dispensed by a person lawfully authorised to dispense, and in accordance with the prescription of a duly qualified medical practitioner, dated and signed by the medical practitioner, with his full name and address and qualifications, and the words "Not to be repeated" on the face. It was also required to be marked with the date on which it was dispensed. An Order of June 1916 made it obligatory that the name and address of the person dispensing, as well as the date, should appear, and that the prescription should be kept upon the premises, open to the inspection of any person authorised for the purpose. He desired to call special attention to sub-paragraph 8 of the Order, which required that every person who dealt in the drug should keep a record in such form as might be required by a Secretary of State, such record to be open to inspection by any person authorised to inspect. The prescribed form was embodied in a schedule of July 31, 1916, and its use was compulsory. The facts in this case, for which Mr. Cooper, the defendant, took upon himself full responsibility, he would briefly state. Defendant was a member of the firm of Pope, Roach & Son, dispensing chemists, a firm well known in the trade and by the public at large as a highly reputable and respectable firm, long established. There were four summonses dealing with two transactions, one on June 3 and the other on August 16, and the causes of complaint were in both cases practically the same. Mr. Anderson, a person holding the authority of the Secretary of State under the regulations, visited the premises at 8 St. James's Street on September 28 for the purpose of inspecting the records, entries, and prescriptions. Mr. Cooper was seen, and books, such as they were, but of which he could not say much, were produced and facilities given him for inspection. Defendant produced what at that time passed in the establishment as the formal record ordered to be kept by the Secretary of State. It was nothing of the kind, and could not be pretended to be anything of the kind. A penny memorandum-book appeared to be the only form in which a record was kept, and on the top right corner of a page, as his Worship would see, was an entry, "Mrs. Gibson. 45 Pall Mall. 3.6.17." That was not a proper entry. Defendant also failed to comply with the regulations in other material particulars. In the first place the prescription was initialled by somebody, "F. A. W" There was no name of the doctor whose prescription it was, no address, no qualification, and it failed to have on the face of it the words "Not to be repeated." It has since been found out that the prescription was that of a doctor in Gloucester Road, South Kensington, but the record did not show that, and it fell lamentably short of what the regulations required. Mr. Denman asked if it was suggested that the cocaine was wanted or used for any illegal purpose. Mr. Muskett assured his Worship that no suggestion of that kind was made in connection with either of these cases. In the second—that of Effie Riley—occurring on August 16, there would be found the most incomplete, unsatisfactory, and irregular entry in the memorandum-book produced. When Mr. Anderson asked to see the prescription, Mr. Cooper said there was no written prescription but it was dispensed on a telephone message from the doctor. Defendant, however, had since found a prescription relating to this particular transaction, but this did not bear the name of the person for whom it was prescribed. Mr. Kirby, in defence, said he thought he was entitled to say, upon reading the regulation governing these cases as a whole, the main provisions were, first of all, that cocaine should not be supplied except upon a prescription, and, secondly, that steps should be taken to prevent a person getting a prescription made up more than once. If he was right on that point, he should submit that the two main provisions of the regulation were complied with in both these cases. The defendant did supply the cocaine in both cases upon a doctor's prescription and retained the prescription in both cases, so that it was, in fact, impossible for the patient to obtain it a second time, and he did not himself supply it more than once. It was quite true that the prescriptions were themselves defective and not in compliance with the requirements of the regulation, but he should have thought the doctor was responsible for that and should have been summoned. He was quite aware that that did not relieve the chemist from responsibility, but in mitigation of the offence these facts should be noted. First of all, in the case of Mrs. Gibson, the prescription was signed with the initials of a doctor perfectly well known to the defendant when he dispensed the drug and a long time before, and if it was desired to know his name defendant would supply it and his address and qualifications. It was true also the date of the prescription was given as June 2, but the date of dispensing was not given in the book. His Worship would also notice that in this case the quantity supplied was 1 dr. only of the solution of cocaine in castor oil, and it was very unlikely a person consuming the drug would take it in that form. It was directed to be used for eye-drops. As to Miss Riley's case, the quantity was small. Although he admitted that his client had committed technical offences, he submitted that in the circumstances stated they were not serious ones. Mr. Denman said no one could doubt the importance of these regulations being strictly adhered to. There were, in reference to all of them, three attitudes which might be observed —that of genuine compliance with them, that of determined failure to comply with them, or that of negligence and carelessness, a want of proper attention to the regulations. In regard to this particular regulation, there was no class of persons whose profession was more important, and in which more care and determination that all the conditions were complied with was required, than that with which the defendant was connected, as they were in the position of being able to do special harm by non-compliance with the requirements. He fined the defendant 25*l*., and two guineas costs, on each of the summonses for selling the cocaine, and 3*s*. costs on each of the other two—54*l*. 10*s*. in all.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Whysall's Food Co., Ltd. (P.C.).—Capital 2,000*l*. Objects: To carry on business as manufacturers of foods, etc. R.O., 16A Market Place, Grantham.

Frank Smith & Co. (Liverpool), Ltd. (P.C.).—Capital 10,000*l*. Objects: To take over the business of general importers and merchants of chewing gum, etc. R.O., 67 Victoria Street, Liverpool.

Horton & Co. (Chemists), Ltd. (P.C.).—Capital 6,000*l*. Objects: To carry on business as chemists, druggists, dry-salters, oil and colourmen, etc. Solicitor: J. H. Frost, 57 Colmore Row, Birmingham.

The "Sanitas" Co., Ltd.—An interim dividend at the rate of 7½ per cent. per annum for the six months ended September 30 has been declared.

Borax Consolidated, Ltd.—The directors have declared an interim dividend of 1*s*. per share, less income-tax at 5*s*. in the pound, on the deferred ordinary shares in respect of the year to September 30.

A. & F. Pears, Ltd.—The ordinary general meeting was held on October 29 at 71-75 New Oxford Street, W.C. Sir Thomas R. Dewar (the chairman) presided, and in moving the adoption of the report and accounts said that, in addition to paying 12 per cent. on the preferred ordinary shares and 20 per cent. on the ordinary shares for the past year, the directors were placing 5,000*l*. to reserve, which fund would now stand at 110,000*l*. Proceeding, he said: The development of this old business has exceeded our expectations, and we may well claim from results that we can show that it has beaten all records. Our home trade has doubled in three years. The number of orders dealt with daily is six times larger than it was three years ago, and our trading accounts are twenty times what they were when the war started. The Golden Series of new toilet-preparations has proved a golden era for A. & F. Pears. Not only have the articles been appreciated by the public and a large trade in them built up, but the sale of our old speciality, the transparent soap, has increased.

Births.

Harrison.—At "Clarcville," Lena Gardens, London, W., on October 25, the wife of Wesley W. Harrison, chemist and druggist, Harrogate, of a son.

Ward.—At Dundalk, on October 17, the wife of Patrick Ward, Ph.C., Dundalk, of a daughter.

Marriages.

Brown—Lynch.—At the Parish Church, Virginia, co. Cavan, on October 17, by the Rev. F. Lynch, uncle of the bride, assisted by the Rev. B. Gaffney and the Rev. P. O'Reilly, John Joseph Brown, youngest son of Mr. J. Brown, Ovoca, to Annie Gertrude, third daughter of Mr. Ronald Lynch, Ph.C., Arva.

Hayes—O'Connor.—At Boula Church, Portumna, co. Galway, on October 23, by the Rev. E. P. Hayes, brother of the bridegroom, Robert William Hayes, Ph.C., Portumna, to Kathleen O'Connor, Loughrea.

Read—Burrows.—At the Parish Church, Liversedge, on October 23, Licutenant William John Read, M.Sc., F.I.C., late bacteriologist for the county of Somerset, to Helen, only daughter of Mr. and Mrs. A. B. Burrows, Norcott, Liversedge.

Wade—Thompson.—At St. Mary's Church, Dover, on October 24, by the Rev. E. E. C. Iliffe, Captain George Wade, R.E., to Gladys, daughter of Mr. A. Lewis Thompson, chemist and druggist, Dover.

White—Selfe.—At St Anne's Church, Wandsworth, London, S.W., on October 26, Major John C. White, M.C., late analytical chemist to Price's Patent Candle Co., Ltd., to Phyllis Selfe, niece of Lieutenant Bertram Hawes.

Silver Wedding.

Williams—Breese.—At Pembroke Terrace Welsh C. M. Chapel, Cardiff, on November 1, 1892, by the Rev. John Morgan Jones, John Williams to Ellen (Nellie) Breese. Present address, Brynawel, The Parade, Whitchurch, Glam. [Mr. Williams is the South Wales and South-West of England representative of Evans Sons Lescher & Webb, Ltd.]

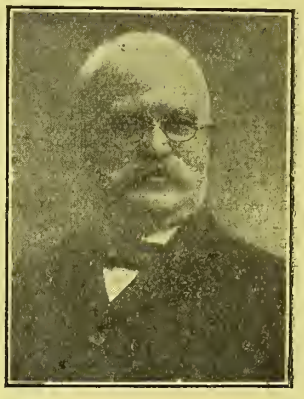
Deaths.

DeVilbiss.—At Toledo, U.S.A., on October 1, Dr. Allen DeVilbiss, aged seventy-five. Dr. DeVilbiss was president of the DeVilbiss Manufacturing Co., Toledo, Ohio, whose London branch is 71 Newman Street, W., and was known as the inventor of an atomiser in universal use, and of other surgical appliances.

Duncalf.—At 104 Prestbury Road, Macclesfield, on October 13, Mr. Thomas Henry Duncalf, chemist and druggist, aged sixty-five.

Forster.—At Plymouth, on October 25, Mr. George Francis Forster, chemist and druggist, Dover. Mr. Forster was very well known among pharmacists in London and on the South Coast. He came of the third generation of pharmacists of that name in Dover, his father succeeding to the business of his father at 52 Castle Street, which business George eventually inherited. Mr. George Francis Forster served his apprenticeship with his father, but subsequently came to London, and was for some years a dispenser at St. Bartholomew's Hospital under Mr. Langford-Moore. During that period he and some other enthusiasts founded the Public Dispensers' Association. Of this Association Mr. Forster was the Hon. Secretary for a number of years. He eventually left St. Barthomolew's on obtaining an appointment at the Chest Hospital in City Road. There he remained for some time, until the death of his father compelled him to return to Dover to carry on the business there. Mr. Forster had been in business on his own account in Castle Street for about fifteen years. He was Meteorological Recorder for the Dover Corporation, a keen member of the St. John Ambulance Corps, did much invaluable work in connection with the War Pension Committee and the Charity Committee work associated with the Kent Insurance Committee. He had also taken on many honorary duties in connection with charitable work, and his loss will be very keenly felt in Dover. He always took the greatest interest in pharmaceutical politics, and in everything connected with his profession. He was Hon. Secretary of the Dover Chemists' Association, and every time he came to London he made a point of looking up his pharmacist friends. His large-heartedness and consistent geniality made him always welcome, and "Forster of Dover" will be missed from many pharmaceutical gatherings. He leaves a widow, for whom much sympathy will be felt.

French.—At Florenceville, Grove Road, Sutton, Surrey, on October 29, suddenly, Mr. H. Hutchins French, aged sixty-eight, founder and senior partner of French & Plucknett, Colonial brokers, Mincing Lane, London, E.C. The death of Mr. French came as a shock to his friends on the produce-market, as he was at business apparently in his usual health on the previous Wednesday. Mr. French, who was a prominent Mincing Lane figure, had been engaged in the produce-trades for about forty-five years, commencing his commercial career with a City firm of merchants, and in 1876 he entered into partnership with the late Mr. G. A. Marshall, under the style of Marshall & French. This partnership was dissolved in 1890, when Mr. French joined the Morgan Crucible Co., Ltd., as manager of the plumbago department. Five years later he entered into partnership with the late Mr. W. Plucknett as French & Plucknett, the firm chiefly devoting themselves to drugs, essential oils, shellac, plumbago, rubber, and other Mincing Lane produce. In 1905 Mr. Alfred Lambert, of Lambert & Strong, joined Mr. French, and the combination proved a particularly happy one, the firm quickly assuming front rank among Mincing Lane brokers. Mr. French was a keen business man, and his foresight and judgment in commercial affairs brought him a rare measure of success. He leaves a widow and four sons.



Mr. H. Hutchins French.

Higson.—At 2 Heathville Road, Crouch Hill, London, N., on October 26, Mr. John Higson, late a director of Claudius Ash, Sons & Co., Ltd., dentists' material manufacturers, aged sixty-seven.

Holloway.—On October 24, Mr. George Thomas Holloway, A.R.C.S., M.Inst.M.M., F.I.C., 13 Emmett Street, Limehouse, London, E., aged fifty-four. Mr. Holloway's chemical training was directed specially to metallurgical requirements, and in 1885 he was appointed an instructor in chemistry at the Royal School of Mines. In the following year he established himself in practice at 13 Emmett Street as a consulting metallurgist and chemist, and in 1913 converted this business into a limited company. For some years he was an examiner in chemistry to the Board of Education, and in metallurgy to the Institute of Chemistry and the University of Birmingham. In 1912 he was elected Chairman of the London Section of the Society of Chemical Industry, a tribute to his long connection with that and other scientific bodies. 'Since September 1915 he had been active in collecting data for the Royal Ontario Nickel Commission, of which he was Chairman.



Mr. G. T. Holloway.

Law.—On October 24, Mrs. Law, wife of Mr. John Law, chemist and druggist, Accrington, aged seventy-three.

Sales.—At Brimington, on October 24, Mr. Thomas Alfred Sales, chemist and druggist, aged thirty-six. Mr. Sales, who was a native of Goole, had been in business for twelve years. During the last two years he had suffered from diabetes, but was at business four days prior to his death. He leaves a widow and two children. The funeral was attended by members of the Chesterfield Pharmacists' Association.

Sharp.—At 9 Cavendish Road, Leeds, on October 16, Dr. John Gordon Sharp, aged fifty-five. Dr. Sharp graduated M.D. at Edinburgh in 1896, and obtained the Milner Fothergill gold medal in therapeutics. He was research student in pharmacology at Owens College (now Manchester University), and had been in practice in Leeds for the past twenty years. Dr. Sharp was well known to pharmacists on account of his connection with the British Pharmaceutical Conference, before which body he read papers on pharmacological subjects. At the Edinburgh Conference in 1912, in conjunction with Mr. F. W. Branson, Ph.C., he read a paper on the standardisation of digitalis, a matter which he had dealt with some ten years previously. Earlier contributions had been on the mydriatic alkaloids, papain, koumiss, *Monsonia ovata*, and *Cactus grandiflorus*. He was co-author with Mr. J. Rutherford Hill of "Scoresby Jackson's Materia Medica." Dr. Sharp died suddenly from cerebral hæmorrhage.

Died on Service.

Baker.—Lieutenant Charles Baker, Royal Garrison Artillery, was killed on service in France on October 22. Lieutenant Baker, who was a pharmaceutical chemist, was prior to the war engaged with Glaisher & Kemp, Brighton. He was "gassed" in 1915 while in the Royal Engineers, and had only recently returned to the Front.

Brunner.—Captain Cecil Heywood Brunner, R.F.A., has died on service in France. Captain Brunner, the son of the late Mr. Joseph P. Brunner, and a nephew of Sir John Brunner, Bart., was born in 1873. In civil life he was a member of the firm of Joseph P. Brunner & Co., chemical-brokers, Exchange Street East, Liverpool. He was at one time a member of the Liverpool City Council.

Canham.—Private Colin Albert Canham, R.E., died in France on October 21, of wounds received in action, aged twenty-five. Private Canham, whose home was at Norwich, qualified as a chemist and druggist in July 1914, and enlisted while with Mr. H. Knight, Ph.C., Wimbledon.

Gower.—Gunner William Edgar Gower, King's Royal Rifle Corps (Lewis Gun Section), was killed in action on September 20, aged twenty. Gunner Gower, who was the son of Mr. W. E. Gower (Butler & Crispe, Clerkenwell Road, London, E.C.), had been, till enlistment, on the staff of the firm in which his father is a partner. A letter from the Front states that "he was killed whilst working his gun in the face of enemy snipers and machine-gun fire."

Hadfield.—Sapper Harry Hadfield has been killed on service, aged thirty-six. In civil life he was with Brunner, Mond & Co., Ltd., manufacturing chemists, Northwich.

Planner.—Private Gordon Sydney Planner, H.A.C., son of Mr. Planner, secretary of Jeyes' Sanitary Compounds Co., Ltd., has fallen in action. He was drafted to France only a few weeks since.

Twose.—Gunner Henry C. Twose, Royal Field Artillery, has been killed in action. Before his enlistment in May 1915 he was employed by John Riley & Sons, Hapton Chemical Works, Accrington.

Personalities.

Captain J. Hain, chairman of Hain & Co., Ltd., chemists, St. Ives, is Mayor-elect of St. Ives for the coming year.

Mr. Edward Harry Church, Ph.C., Cambridge, has, owing to the reduction of his staff, resigned his seat on the Town Council.

Dr. J. C. McVail has been nominated to represent Scotland as a member of the General Medical Council for a further period of five years.

Mr. Frederick Jacks, chemist and druggist, Stone (Staffs.), has been appointed treasurer of the Stone Lodge of Freemasons, of which he is a Past Master.

The Letters "D.L." affixed to the name of the late Sir Edward Evans (*C. & D.*, October 13, p. 40) were given in error; it was his father who was a Deputy-Lieutenant.

Mrs. Florence Knott, the wife of Mr. Percy Knott, chemist and druggist (Knott Bros.), was appointed a representative governor of Bolton High School at the last meeting of the Bolton Town Council.

Mr. Harry C. Gooseman (Vinolia Co., Ltd.), Past Master of the Grosvenor Lodge and a Founder of the National Grand Lodge, was on October 29 exalted to be a Companion of "The Lily Chapter of Richmond."

Mr. F. E. Evans, chemist and druggist, Lymm, has been placed on the Commission of the Peace for the County of Cheshire. Mr. Evans succeeded his father in a business which has been successfully carried on for upwards of fifty years.

A Decree *nisi*, with costs against one of the co-respondents, was on October 29 pronounced in a case in the High Court, London, in which Mr. W. E. Pearson, chemical-manufacturer, asked for a divorce from his wife on the ground of her alleged adultery.

Mr. W. S. Glyn-Jones, M.P., and Mr. Philip F. Rowsell, member of the Council of the Pharmaceutical Society of Great Britain, have been re-elected on the Executive of the National Association of Insurance Committees. Mr. Rowsell was at the top of the poll.

A Memorial Service for the late Mr. Albert Edward Holden will be held at St. Andrew's Church, Wells Street, Oxford Street, London, W., on November 3, at 12 o'clock noon. Referring to Mr. Holden's death an intimate friend of his writes:

> "'Neddy' Holden, as he was familiarly termed by his intimates, was one of the most lovable men I have ever met, as he was justly one of the most popular. His health had lately been none of the best, but not one of his friends anticipated such a sudden collapse, and the knowledge of his death has come to hundreds of men as an acute personal shock. He did a fine work for pharmacy in this country as the medium by which the Fairchild Scholarship was introduced and administered. That scheme has done an enormous amount of good to the rising generation by showing them that 'business' knowledge is no less necessary to success in pharmacy than is science and galenical experience. Mr. Holden will be much missed by pharmacists of every age and grade, for even to those who did not know him personally he was familiar through his unique and beneficent work."

Mr. J. E. Connor, J.P., Ph.C., who has been elected Vice-President of the Pharmaceutical Society of Ireland, was educated at Coleraine Academical Institution and Newry Intermediate School, afterwards going to Edinburgh, where he registered as a medical student at the Royal College of Surgeons. His father, however, was anxious that he should first qualify as a pharmaceutical chemist, so as to be in a position to assist him in the family business, so Mr. J. E. Connor went to Belfast, where he subsequently took out his courses of botany and chemistry, and on April 10, 1889, qualified as a pharmaceutical chemist, having obtained over 80 per cent. at the examination. Public and private duties at home prevented him from continuing his medical studies, and at present he occupies a prominent position in his native town, being a Justice of the Peace for co. Down, Chairman of the Chamber of Commerce, and an Urban Councillor for the Township of Warrenpoint, where he has his private residence. His family has long been connected with the medical profession. In 1826 his grand uncle, Dr. Patrick Connor, established the present business, now known under the title of S. Connor & Sons. His father, Dr. S. Connor, J.P., having abandoned the medical profession shortly after he had taken over the pharmacy from his uncle, became one of the most prominent figures in the commercial life of Newry, and succeeded in building up a business which became known throughout the whole of Ireland. Since his death in 1894 the business has been conducted by Mr. J. E. Connor.

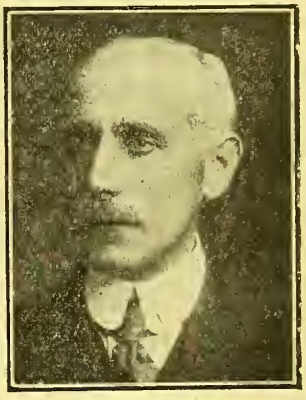


Photo.] [*Lafayette, Ltd.*
Mr. J. E. Connor, J.P.

To Remove a Pane of Glass easily the putty may be softened by leaving it covered for a few hours with soft soap.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

British Dyes.

Sir A. Stanley, President of the Board of Trade, stated in the House of Commons on October 29 that the whole question of increasing the production of dyes in this country is under consideration.

Educational Committees.

Dr. Addison stated in the House of Commons on October 29 that the Educational Committees at present constituted are (1) Committee on the Teaching of Science, (2) Committee on the Teaching of Modern Languages, and (3) Committee on Adult Education.

War Expenditure.

The Chancellor of the Exchequer stated in the House of Commons on October 30 that the average daily war expenditure from July 22 to September 29 was 6,414,000*l.*, or from the beginning of the financial year to September 29, 6,648,000*l.* daily. A supplementary Vote of Credit was voted of a sum not exceeding 400,000,000*l.*

Supply of Fertilisers.

Sir Richard Winfrey, representing the Board of Agriculture, stated in the House of Commons on October 24 that the output of basic slag during the year ending May 31, 1918, will amount to at least 500,000 tons, compared with under 400,000 tons in the preceding season. The supply of sulphate of ammonia for agricultural purposes is likely to amount to 190,000 tons during the present season, as against 150,000 tons last year.

Chemical Trades Committee.

In reply to a question as to whether there is a British chemist on the Chemical Trades (Advisory) Committee, Dr. Addison stated on October 29 that the Committee was appointed to consider the best methods of establishing advisory relations between the Ministry of Reconstruction and the chemical trades, and it is about to issue its Report. It contains among its members Dr. Charles Carpenter, D.Sc., and Professor J. G. Lawn, and the following manufacturing chemists, whose names were suggested by the Advisory Council of the Association of British Chemical Manufacturers: Sir William Pearce, M.P.; Right Hon. J. W. Wilson, M.P.; and Mr. J. F. Brunner, M.P.

Sphagnum Moss.

Mr. Coote asked the President of the Board of Trade on October 25 if he will consider the possibility of permitting the collectors of sphagnum moss to have their collections carried over the railways of the United Kingdom free of charge to the military hospitals requiring the same, on the same principle as fruit and vegetables are carried to the Fleet.

The Parliamentary Secretary to the Board of Trade (Mr. Wardle) stated in reply that the Railway Executive Committee have already considered applications for the free conveyance of sphagnum moss, but it has not been found possible to grant exceptional treatment to this traffic.

Enemy Patents and Trade-marks.

Sir Richard Cooper on October 29 asked the President of the Board of Trade whether trade-marks and patents of enemy businesses that have been sold or are being wound up by the Government have been definitely cancelled or transferred at a price to the British purchaser; and, if not, has any step been taken to prevent enemy firms continuing to work such patents or trade-marks in this country after the war?

Sir A. Stanley, in reply, said as regards patents the general rule adopted has been that if these are solely the property of the firm or business being wound up, the transference has been allowed to the *bona-fide* purchaser, except where it was desirable to retain control of the patents in the public interest. Patents not so transferred are subject to the Temporary Rules Acts, and the Board have power to grant licences thereunder. As regards trade-marks, if there is no other objection transference has been allowed where the firm or concern being wound up is not a mere agency for a firm in any enemy territory and the mark is not shared between English and alien enemy firms. The registration of some trade-marks which were regarded as inherently bad has been voided. The after-war treatment of enemy property and rights, including patents and trade-marks, is under the consideration of the Government.

Overheard: "I shouldn't fancy marrying a lady traveller—she'd be so used to dissembling."

Trade Notes.

Howards' Aspirin.—The mystic number, "49," which is prominent in the advertisement of Howards & Sons, Ltd., Ilford, refers to the increase in the sales of Howards' aspirin-tablets, which in October of this year were forty-nine times greater than in October 1916.

A Topical Page.—The advertisement in this issue of Burroughs Wellcome & Co. is a clever example of modern advertising. The scientific bombers have made direct hits upon the enemy's important chemical products, some of which are enumerated in the advertisement. "The raid is still in progress," and we hope will be continued.

Kay's Medicines.—From November 1 the prices of Kay's "Linseed Compound," tic-pills, mountain flax-pills, and throat-lozenges are advanced. The altered prices are set out in the advertisement in this issue of Kay Brothers, Ltd., Stockport, these including the minimum P.A.T.A. retail rates.

The P.A.T.A. Protected List was extended during October by the addition of Bourjois' ashes of roses; Calvert's goods (additional); Condy's crystals; Gibbs's shaving-soap (in vellum bowls); Harley's Three Salts; Kerfoot's Vapex; Ko-Tal-Ko; Midgley's soaps (additional); Schweppe's Relenta British aperient water; Serathol indigestion-cure.

Sale of S.V.M.—James Burrough, Ltd., Cale Distillery, Hutton Road, Lambeth, London, S.E. 11, write to correct an impression that chemists may not sell the stock they have of methylated spirit for heating-purposes. Any stock of spirit which retailers had on hand before the recent restrictions were issued may be sold for any industrial or domestic purpose.

Eclipse Hot-water Bottles.—J. G. Ingram & Son, Ltd., The London India Rubber Works, Hackney Wick, London, N.E., the proprietors of the "Eclipse" hot-water bottles, have issued a four-page pamphlet, which explains the advantages of these hot-water bottles. A special point is the patent washer, which prevents leakage and also the loss of the washer.

Savory & Moore's Food.—Savory & Moore, Ltd., inform us that there is a mistaken impression in some parts of the country that their food is either not obtainable at all, or that it is obtainable only with difficulty, especially in the larger sizes, like the 5*s.* tin. It should therefore be stated that the conditions of the licence under which it is manufactured are that its use should be confined to infants and invalids. All demands for the food for this purpose can be met promptly.

"The Book of the Rat."—Evans Sons Lescher & Webb, Ltd., 60 Bartholomew Close, London, E.C. 1, and Liverpool, send us a copy of a 36-page booklet which they have produced regarding ancient and modern methods of rat-catching. It is quite a fascinating publication, illustrated with pictures of rat-catchers and cuttings from old newspapers. A chapter is devoted to voles. The modern method with Liverpool virus is dealt with fully, and ample proof given of the efficacy of the virus for the purpose of rat and vole destruction. A copy of the book will be sent to any chemist applying.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

167/50. "Phosphotelle."
167/50. "Otto of Stalio Pomade."
138/39. Turned-wood drug-boxes: makers or agents holding stocks.
170/13. "Coza" powders (The Coza Co.).
171/1. "Viata" for hair growth.
171/24. "Hutine" pills.
172/24. Strong's (American) arnica tooth-soap.
167/40. Supplies in quantity of 1 drachm and 2 drachm vials.
172/23. Kendall's spavin-cure.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The Chemist and Druggist, 42 Cannon Street, London, E.C. 4:

"Alcresta" tablets, 162/52
Allchin's smelling salts, 168/57
Chloramine T., 158/72
Compericum lotion, 128/3
Gutta-percha tissue, 163/7
"Herbul...," 139/5
Morrhuol, 159/22
Mothersill's seasick-remedy, 138/3
Simon powder, 142/53
"Urillac," 153/50
Valentine's meat-juice, 159/17

Observations and Reflections.

By Xrayser II.

"That Minority Report" has little chance, judging from the persistent official tone with reference to it and its supporters, of being fairly presented, or even of being presented at all as what it really is—the deliberate judgment of an influential body of panel chemists. The deputation may mention the fact that there are some dissentients from the terms proposed by their representatives, but while these are regarded as disloyal and hostile to the Society, irresponsible grumblers heading a revolt from authority, all reference to their protest is likely to be so coloured as to rob it of its proper force. By acting as they appear to be acting our leaders are letting temper triumph over statesmanship; by belittling the importance of the dissentients they are minimising the force of their own case, and losing the advantage of appearing to be moderators between an extreme section of their own body and the Commissioners. But the Club, apparently, must be discountenanced at all costs. Meantime it continues to grow in numbers, and this is just the way to make it grow. Mr. Neathercoat objects to its title: he may be consoled to hear that "Pill Punchers' Club" has been suggested as an alternative retaining the same initials and likely before long to be more appropriate because more comprehensive.

Your Leaderette on the Ministry of Health forestalls a note of mine on the same subject. The Bill drafted by the National Insurance Organisations does not specifically provide for the transference of the Privy Council's control of the Poisons Schedule to the new Ministry, but it is apparent from the Memorandum formulating the scheme that this transference, if not actually contemplated, would be very likely to follow, and quite probably it might be effected under an Act couched in the terms of this Bill. Clause 5 of the proposed Bill refers only to the powers of the Privy Council and of the Lord President "under the Midwives Act, 1902," but the Memorandum speaks of "the Privy Council Office in its relation to the General Medical Council and the Pharmaceutical Society, and particularly in its relation to Midwives," as among the existing Departments affected by the scheme, and Clause 7 of the Bill provides that "His Majesty may by Order in Council transfer to the Minister of Health *any powers* relating to the treatment of the sick or the health of the people now vested in *any* Government Department" (the italics in this quotation are mine). These are large powers, and the clause would almost certainly cover the case of the Poisons Schedule. You do well, therefore, to call attention to the matter, and I echo your hope that the Society is alive to the danger of being transferred from the frying-pan into the fire. It will be monstrous if a Board invested with such powers as these does not include a representative of pharmacy.

Mr. Woolley's Paper on Enemy Patents, read before the Liverpool Chemists' Association on October 24, was a model of compact and lucid statement on a subject of great practical importance. Mr. Woolley anticipated any question that might have occurred to some inattentive auditor as to the bearing of this matter upon the dispensing chemist, and conclusively showed its relevance to our business. The careless allowance of the common German practice of using a trade-mark (such, for instance, as the name lanoline) for the virtual prolongation of an expired patent is not only a fraud on British manufacturers, but it necessitates the carrying in stock by every pharmacist of a much larger amount of the article thus wrongly monopolised than would otherwise be necessary, and subjects us to endless difficulties by the multiplication of synonyms. The evil is an old one, not peculiar to German goods, though Germans are much the worst offenders. The sacrosanctity of trade-names has been elevated into an article of religious belief by other than German manufacturers, and though here and in France, and even in Germany itself, protests have frequently been raised against the unreasonable prolongation of rights in such names, the odious cry of "substitution" has everywhere been heard in defence of a practice which even when legal is of doubtful propriety, and when illegal is a manifest abuse.

The Grammar of Acts of Parliament is often shaky, even when the intention is unmistakable, and sometimes it causes doubts as to what is really meant. A case in point cropped up very recently in the different constructions put by a police magistrate and counsel upon a clause in the Act for regulating the sale of cocaine, etc. Another occurs in Section 3 of the Trade-marks Act, quoted in Mr. Woolley's paper, and it is a more glaring error than the one just referred to. A "mark" is defined as "a device, brand, heading, label, ticket, name, signature, word, letter, numeral, or any combination thereof." Any combination of what? "Thereof" means "of that," and cannot be used of any number of things. Grammatically construed, in this sentence it would seem to mean the combination of a numeral only, but this can hardly be what was really intended when the section was drafted.

Bacteriology is going to be responsible for much if Mr. Currie is correct in his assumption that "there would be changes in the name and nature of the Minor examination to meet such requirements." I suppose that since Mr. Currie is understood to be one of the inner circle, there may be something in what he says, but, on the other hand, his hint may simply be a *ballon d'essai* to see which way the wind is blowing. My own view is that while changes in the Minor examination are desirable, and while as complete a knowledge as possible of bacteriology will be of the greatest possible value to pharmacists, it will be a horse of another colour altogether if we are going to tack on a bacteriological section to our already overburdened syllabus. If this is intended, the sooner a clear statement be made the better, in order that it may be thoroughly discussed, for secret diplomacy is a back number nowadays, and any move of this kind must be tabled in full view of us all, otherwise it is likely to come to grief.

The Control of Potassium Compounds is doubtless necessary to ensure equable distribution of commercial salts of potassium such as are employed for manurial purposes. For potato-culture especially potassium is essential, though its value is not yet universally recognised. One very successful cultivator of potatoes on a large scale tells me that so long as he gets potash other growers can have all the ammonia and phosphates so far as he is concerned. During the past eighteen months there has been a distinct shortage of potash, but now this is so acute as to require the available supplies to be as evenly distributed as possible. So far as the pharmacist is concerned, the chief salt used in medicine, the bicarbonate, is not mentioned in the Order, so that we are not likely to be seriously affected yet awhile. The export of potassium compounds has, of course, long been prohibited to all countries.

Wills.

Mr. Thomas Parker, chemist and druggist, Bradleigh, Mount Villas, York, who died in November 1916, left estate of the gross value of 25,725*l.* 14*s.* 3*d.*, with net personalty 7,502*l.* 8*s.* 7*d.*

Second-Lieutenant Ian Campbell Chrystal, Seaforth Highlanders, Auchendennan, Arden, and of J. & J. White, Ltd., chemical manufacturers, Rutherglen, who was killed in France in May, has left personal property of the value of 25,475*l.* 18*s.* 3*d.*

Mr. William Scott Tebb, M.A., M.D., F.I.C., F.C.S., Hoepdale, Worple Road, Epsom, public analyst for the Metropolitan Borough of Southwark, who died March 3, left estate valued at 7,530*l.* 13*s.* 9*d.* gross, with net personalty 1,907*l.* 13*s.* 2*d.*

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2. For use in midwifery cases.
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4. As a mouth-wash.
5. For application in cases of bites from venomous insects.
6. For removing fruit stains from linen.
7. As an air purifier (by spray), &c.

SOLD IN 10 VOLUMES STRENGTH, AND PUT UP IN

16-oz. bottles, retailing at 1/6 each.
8 " " 1/- "
4 " " 9d. "
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AND

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Sole Proprietors of "Pylitna Powders," the internal specific for Hæmorrhoids. Special terms for co-operation.

G. S. MUMFORD & SONS, FARRINGDON ROAD, LONDON.

PHARMACEUTICAL FORMULAS. (9th Ed.) 10/-, by Post 10/6

ART OF DISPENSING. (9th Ed.) 596 pages. 6/-, by Post 6/5

CHEMISTS' DICTIONARY OF SYNONYMS. 2/6, by Post 2/9.

THE CHEMIST AND DRUGGIST, 42 CANNON ST., E.C. 4.

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Editorial Articles.

Reconstruction Problems.

I.—Introductory.

Reconstruction may at first sight appear rather a big word to use in connection with the problems which will confront us as pharmacists when the war is over, but grouped together and viewed more closely it will, we think, be evident that to deal fully with them something more than mere readjustment of old conditions will be required, and the larger term may prove the more appropriate. Some of these problems are purely domestic, others affect more directly our external relations. They are not all of equal urgency, but it is well to look at them *en masse*, as part of a forward movement which cannot long be delayed if pharmacy is to keep abreast with the times; and we are not likely soon to have another such opportunity of far-reaching reform as the general reconstruction of industry at the conclusion of the war will afford us. We propose, therefore, to devote a series of articles to the discussion of some of the more important questions which already confront or will in the immediate future confront us, and for the reason given we shall regard them all as parts of a scheme of thorough reconstruction, such as we believe to be both necessary and practicable. Some of these articles will suggest problems that will need considering by the Pharmaceutical Council if they are to be carried into effect. The officers of the Society have reminded us several times recently that the Society is the only body which should have any direct dealings with the Government on pharmaceutical matters, so that one may fairly assume a readiness to consider schemes of improvement. The reform of the Pharmaceutical Society may come within the purview of the problems which we are considering, and on this account we would remind those members who look upon the Society as nearly sacrosanct that reform can only come from outside. The claims that the Council should never be criticised, and that it can be moulded into any form the members desire, are not to be considered too seriously. A Government could not exist without an Opposition unless it is autocratic, but as the Pharmaceutical Society claims to be democratic it follows that there must be some force in the nature of an Opposition. It would be easier for the officials if the members would adopt the attitude of shut eyes and open mouths, but the blight of officialism would soon ensure the end of the whole pharmaceutical organisation. Transition problems should be engaging earnestly the attention of the Council and the permanent staff, and it is as well to state definitely that so far no indications have been given to the outer world that the magnitude of the problems before pharmacy is appreciated. The Council has even recently acquiesced in an arrangement for a part-time Secretary. The "parish pump" councillor points with pride to the fact that the Society in this way is saving five hundred pounds a year, but the loss to pharmacy by the neglect of the duties of the Secretary's office may mean enormous disadvantages at the present time. The money should rather be spent in obtaining additional help to ensure that the interests of the Society do not suffer. A glance at the by-laws shows that it was never contemplated that the Secretary's office should be put into commission. His duties are defined even down to keeping the books "in a neat and

orderly manner." In the original by-laws he was required to be in attendance from 9.30 A.M. to 5 P.M., and on Saturdays was to transact any of the Society's business which was required to be done outdoors. These by-laws were devised when the membership was under 2,000, and it is fair to suppose that the responsibilities of the office have increased now that the membership is four times as large. It needs now the exercise of all the energy of the Society's officials for the good of pharmacy. There we leave the matter for the moment. In regard to the reforms which are needed in the Pharmaceutical Society we invite suggestions from our readers so that these can be considered and put forward in an article dealing with this important question. One of the greatest services which can be rendered to the Society is to suggest in a serious spirit improvements in its aims and organisation. Even the most submissive member need not be afraid to intimate that in his opinion some of the golden facets of the machine need a little extra polish to make the working nearer perfection.

State Control of Trade.

It has been evident for several months past that the indignation of merchants throughout the United Kingdom against what they consider the unnecessary interference of the Government with trade would reach a culminating point, and last week numerous meetings of protest were held in commercial centres such as London, Liverpool, Swansea, and Birmingham. The meeting held in London was at Cannon Street Hotel, on Thursday, October 25, when a body of from four hundred to five hundred merchants overflowed the Great Hall to consider a resolution supporting the protest of the Merchants' Committee of the London Chamber of Commerce against the methods adopted by the Government Departments in controlling and restricting trade, which had had "the effect of diminishing available supplies from sources at home and abroad, and of raising the prices of necessary commodities." The resolution, which was unanimously adopted, also urged—

(*a*) That Government should cease to act as trading intermediary between producers and consumers, but should utilise to the fullest extent the services of the business community.

(*b*) That to this end merchants should be encouraged to continue to carry or import stocks of commodities essential to this country.

(*c*) That, so far as any control of imports and exports is concerned, the quantities allowed should as far as possible be based upon a fair allocation of quantities among merchants dealing in particular articles, after consultation with representative trade organisations. Permits should only be granted to British and Allied subjects who are legitimate merchants and importers to the trade involved.

(*d*) That the various control departments should be co-ordinated so far as to secure a uniform system on questions of principle and to obviate present delays in dealing with licences and permits.

(*e*) That control departments should in all cases be assisted by representative business men nominated by their respective trades.

(*f*) That steps be taken to represent to the Government, to members of Parliament, and the public generally the views set out in the Report of this Committee.

Some very effective points against the methods of the Government were made by various speakers, who dealt mostly with the metal, iron, and leather trades. One of the chief grievances against the Government Departments is the entire lack of technical knowledge displayed by those in control, and this has led to some ludicrous situations and an inevitable loss of trade. What the merchants want is that business men from each trade should be appointed Controllers, such men to be responsible to the Government and the other members of their trade. Undoubtedly, vexatious restrictions on the conduct of trade are being added to daily, and the intervention of the Government between producers and consumers is creating a critical situation—*e.g.*, last week we were informed that all trading in acetic acid is stopped, and regular importers are not allowed to bring further supplies to this country. This means the dislocation of trade amounting to between 300,000*l.* and 400,000*l.* per annum; and as the Government will probably do its own buying abroad, it goes without saying that nothing will raise the price more quickly at the source when this becomes known. Whilst assuming it to be the intention of the Government to grant licences to certain merchants to import acetic acid, we cannot help thinking that any serious delay in this direction is bound to result in the present limited stocks becoming depleted, and possibly exhausted, thereby causing stoppage of work in many industries where this product is an absolute necessity. It seems to us that it would not be detrimental to the Government's policy if limited quantities, sufficient for urgent industrial requirements, were permitted to be imported in order to guard against any shortage, and we earnestly recommend the authorities to take the necessary steps immediately to prevent any such contingency arising. The Government could readily obtain from the leading merchants reliable indications as to the various trade requirements, and if the right spirit of co-operation were shown by all parties concerned, we feel confident that arrangements could be made to ensure a smoother working of business. In these critical times the Government would undoubtedly gain much by inviting the loyal co-operation of merchants to assist them in framing and carrying out their policy instead of adopting measures which seem destined to undermine the foundation upon which legitimate trading rests. It is, of course, essential that the State must control many industries to carry on the war successfully, but the situation is now such that interference has developed in many directions where it was least necessary, and there is a deeply rooted resentment, as many merchants have been driven out of business, the Government believing that their services can be dispensed with. Among the articles which the Government control we may instance quinine, phenacetin, glycerin, formaldehyde, bleaching-powder, sulphur, lead compounds, acetic acid, tanning-materials, sodium nitrate, fixed oils and oil seeds, potash compounds, superphosphates, sugar, fertilisers, feeding-stuffs, copra, rubber, tobacco, alcohol, and many others. In a number of instances they allow business to be done at "fixed maximum prices," but the trouble is there are no sellers at the prices, and the Government authorities are unable to make up their minds to revise the prices more in accordance with market conditions of supply and demand. A common article like medicinal castor oil, *e.g.*, was fixed at 88*l.* per ton, but the market value is something like 130*l.* to 140*l.* per ton. It is to be hoped that as the outcome of the merchants' protests a modification of control will take place on more common-sense lines, but we have not much hope that this will be done, as the Government up to the present has in many trades studiously ignored the services of the merchants, and the action of the controllers of the various unco-ordinated Departments has in many cases, it is claimed, conduced to high prices and ultimate scarcity of commodities.

Pharmacists and Army Service.

Much has been written and spoken during the past three years regarding the neglect of skilled pharmaceutical service in the prosecution of the war. Only pharmacists—and medical men if they would but own it—realise the preventable waste of human life resulting from this neglect, and the authorities are still obdurate to the recognition of pharmacists, *qua* pharmacists, in the Army. True, the matter has been placed before those in authority by the official body, but apparently only in a half-hearted way and to appease the insistent clamour of the proletariat. It has remained, therefore, for that Ishmael of pharmacy the Progressive Pharmacy Club to produce a considered scheme, and it is detailed in No. 2 of "Progressive Pharmacy Pamphlets" just issued. The title of the latest *brochure* is "Pharmacy and the Public Services," but the outstanding feature is a real live Pharmaceutical Army-Service Scheme. After summarising the present-day Army Regulations with reference

to dispensing and compounding, and pointing out the ineptitude of the system, as painfully illustrated in the Mesopotamia muddle (The Chemist and Druggist, June 30, 1917, p. 43), the point is made that medical officers in the Army are kept from their proper work by having to waste time on medical requisitions and other matters that could be much better carried out by men with sound business and pharmaceutical training. A collation of experiences and suggestions has crystallised into a practical scheme of which the following are the essential features:

(*a*) A pharmaceutical chemist, with the rank of major, as Director of Pharmaceutical Service.

(*b*) An Assistant-Director, also a pharmaceutical chemist, ranking as captain.

(*c*) The installation of pharmaceutical laboratories at all base and advanced depôts of medical stores, providing for the manufacture and supply of all ordinary pharmaceuticals, chemicals, apparatus, dressings, and medical equipment. The officer in charge to be a pharmaceutical chemist with the rank of captain.

(*d*) All hospital pharmacies at the base and on the lines of communication to be in charge of pharmaceutical chemists ranking as lieutenants. There the dispensing of all prescriptions, the production of most of the aqueous B.P. preparations, analytical work, and the maintenance and supply of all medical and surgical appliances and dressings would be carried out. Each lieutenant to have three assistants—a warrant officer, a quartermaster-sergeant (both pharmacists), and an Army compounder (for the dressings, etc.).

(*e*) All field hospital pharmacies to be in charge of a pharmacist warrant officer, with quartermaster-sergeants as assistants.

Present-day pharmaceutical requirements in the Navy, in Voluntary Institutions, in County Asylums, in the Poor-law service, in the Prisons service, and in Provident and other dispensaries are also dealt with in the pamphlet, incidental indications being given of improvements that might be effected. In view of the probable establishment of a Ministry of Health, pharmacists are urged to conserve their position by supporting, by agitation and every available means of publicity, their brethren in the public services. Altogether a suggestive and stimulating production, which might be studied with profit by all thinking pharmacists.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

Qualitative Analysis.

A Mixture of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture will comprise acids and inorganic bases occurring in the British Pharmacopœia, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by *a stamped and addressed envelope*, not a stamp merely) will be received up to Tuesday, November 6, on which day the samples will be posted. Students' reports will be received up to Saturday, November 17. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced abov forms the opening exercise in

The Analytical Tournament

for the current winter session. Students may forward six stamped addressed envelopes (marked on the top "Corner for Students"), to be utilised month by month for the "salts." We offer special certificates and prizes for the best series of reports submitted on the exercises to be set from November 1917 to April 1918 inclusive. The awards will be made to the students who obtain the highest aggregates of marks for their reports upon the whole six exercises, and will comprise:

First Prize.—Certificate of honour and books to the value of two guineas.

Second Prize.—Certificate of honour and books to the value of one guinea.

Third Prize.—Certificate of honour and books to the value of half a guinea.

The competition is open to all pharmacy students who have not passed the Major examination in Great Britain or the Licence examination in Ireland. Former tournament prize-winners are disqualified from taking a tournament prize, unless it be a superior one to that previously gained. Besides the tournament prizes, the usual monthly awards will be made to junior students, viz.:

First Prize.—Books to the value of 10*s.* or thereabouts.

Second Prize.—Books to the value of 5*s.* or thereabouts.

These monthly prizes will be awarded only to apprentices or assistants who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, which fact *must be attested on their reports.* Students who adopt a *nom de plume* must adhere to it throughout the tournament.

Pharmaceutical Society.

North British Branch.

A Meeting of the Executive was held at 36 York Place, Edinburgh, on October 24, Mr. David Gilmour in the chair. There were also present Messrs. Cowie, A. Currie, W. L. Currie, Drummond, Fisher, Forbes, Giles, Glass, Guthrie, Jack, Marshall, and Nesbit.

Nomination of Examiners.—The Executive unanimously agreed

That Dr. Leonard Dobbin, Edinburgh; Dr. William Gardner Smith, Edinburgh; Dr. James Fowler Tocher, Aberdeen; Peter Boa, Edinburgh; Jonathan Innes Fraser, Edinburgh; John Gilmour, Dunfermline; Henry Stout, Edinburgh; and Thomas Wilson, Burntisland, be nominated for election by the Council as members of the Board of Examiners for Scotland for the year 1918.

Divisional Secretaries.—The list of Divisional Secretaries for Scotland for 1918 was presented, the only change being Mr. Norman M. Lindsay for Peebles County, in room of the late Mr. W. J. Sanderson.

Insurance Dispensing.—After arrangements had been sanctioned for evening meetings in December and February, and Mr. J. H. Fisher had reported as delegate to the British Pharmaceutical Conference, matters relating to National Health Insurance were brought forward. These included the report of the Scottish Central Checking Bureau (*C. & D.*, October 27, p. 50); the movement in England and Wales towards better terms for Insurance dispensing, and the provision of Medical Benefit for invalided sailors and soldiers (*C. & D.*, September 22, p. 46).

Venereal Disease Act.—It was reported that the makers of a well-known proprietary pill had revised the wording of the pamphlet sent out with the pills so that the directions will not offend against the Venereal Disease Act. So far no areas have been scheduled in Scotland under Section 1.

Education.—The incidence of the Education Bill was considered. In the reconstruction of the educational equipment of the country after the war there is also much reason for taking action to secure that in any technical training institutions, such as the Heriot-Watt College in Edinburgh, the Technical College in Glasgow, and Gordon's College in Aberdeen, adequate provision should be made for the training of pharmaceutical students for the qualifying examinations. It was reported that the Edinburgh School Board has already formulated a scheme setting up three distinct schools for specialised teaching, and similar movements are being considered in other parts of the country. It was unanimously agreed to appoint the following special Committee on Education to watch over this question, and take such action as might be necessary to see that the points raised were fully dealt with—namely, the Chairman and Messrs. Cowie, A. Currie, W. L. Currie, and Forbes.

Sale of S.V.M.—Correspondence was submitted with reference to the restrictions in the supply of methylated spirit by wholesalers. It was explained that retailers could sell stocks in hand, but any doing so must have renewed their methylated-spirit licence.

Supply of Narcotic Drugs.—It was stated that the Defence of the Realm Act Regulations prohibiting the supply to men in H.M.'s Forces of the narcotic drugs scheduled under the Army Council Order of May 11, 1916, have been under consideration by medical practitioners. It was understood that it is proposed to apply to the Privy Council to have these temporary restrictions made permanent, and applied to the civil as well as to the naval and military population.

Military Service.—In connection with the exemption of chemists from military service, chemists were advised not to sign agreement under the Volunteer Force Order if by doing so they render themselves liable to penalties under the Pharmacy Acts and for breach of contract under the National Insurance Acts. The whole matter has been referred to Sir Auckland Geddes, the Director-General of National Service, who has promised to consider the question.

Associations' Winter Session.

Edinburgh.—The opening meeting of the winter session of the Edinburgh District Chemists' Trade Association was held at 36 York Place, Edinburgh, on October 25. Mr. James Dick (President) limited his inaugural address to a few points connected with the work of the Association. There was evidence of renewed activity, and the membership at the present moment was stronger than ever before. The Association had taken up the subject of earlier closing of shops before it was dealt with by Parliament, and their action had helped the movement. Every chemist was now feeling the benefit of earlier closing. When the war finished and demobilisation began they would require as a craft to give special consideration to readjustment and reconstruction. They could never hope that those who had fought so well would return to civil life under the old conditions as to remuneration. The increased cost of materials and working expenses would necessitate an increase in retail prices and in payment for dispensing. He suggested that the Association might consider the drawing-up of a scale of fixed prices for general use. He invited the members to take an active part in the proceedings of the Association, so that the varied opinion and advice of the whole membership might result in good work being done. Mr. Glass, in moving a vote of thanks to the Chairman (which was cordially awarded), said the subject of the education of apprentices would call for careful consideration, and the matter had already been taken up by the Executive of the North British Branch of the Pharmaceutical Society. The question of prices was also of great practical importance Chemists in the West of Scotland already had a very good list, and changes were intimated to the members from time to time. Mr. Peter Nisbet opened an interesting discussion on the retail prices of patents and proprietary articles. The discussion was taken part in by Messrs. Adamson, Brown, Dawson, Dick, Duncan, Finlay, Glass, Kelly, Macpherson, Noble, and Reid, and it was unanimously agreed that all patent medicines and proprietary articles should be sold at face value; that all patents and proprietary articles should show at least a minimum profit of 25 per cent., toilet-articles 33⅓ per cent., on the retail price; and that other Scottish Associations be asked to support an effort to attain this end. The Secretary intimated that an interesting series of meetings for the discussion of subjects of general interest to the craft was being arranged.

Exeter.—At a meeting of the Exeter and District Pharmaceutical Association on October 26, Mr. Eric Lemmon (Chairman) said the effort to arrange a general dinner-hour closing of chemists' shops in the city had been abandoned for the present, in consequence of the failure to secure unanimity. The new law affecting the sale of remedies for venereal diseases was explained by Mr. Philip F. Rowsell, who said that although Devon and Exeter were not at present prescribed areas, chemists would be well advised to act from the first as though they were. In scheduled areas chemists must not sell any remedies they knew were to be used for venereal diseases, nor must they label, recommend, or advertise such. It was decided to support the Parliamentary Fund as before, the Hon. Secretary (Mr. F. W. Vinden) undertaking to approach individual members for subscriptions. The Chairman and others questioned the value of Parliamentary representation, but Mr. Rowsell said other organisations had proved its value, and but for the work of Mr. Glyn-Jones in Parliament the position of chemists under the Act dealing with venereal diseases might have been much worse. It was decided, in response to a resolution from the Devon Pharmaceutical Association, that members should pay an annual subscription of 2*s.* 6*d.* to the county Association, and receive gratuitously the minimum retail-price list through the local Association. The meeting endorsed the view of the Dublin Retail Drug Association that the war-time changes of price for proprietary articles adversely affected retailers, whose percentage of profit fell as their outlay increased, and that united action should be taken to restore the balance.

Huddersfield.—The annual meeting of the Huddersfield Chemists' Association took place on October 29. The report and balance-sheet showed a surplus. Mr. V. Shaw was reappointed *President*, and the following officers were elected: *Vice-Presidents*, Messrs. Walshaw, Russell, Marsden, Spurr, and Stephens; *Hon. Secretaries*, Messrs. J. Cooper (general) and Pickering (pharmaceutical); Chamber of Trade representatives, the President and General Secretary; representative to the Yorkshire Federation, the President. The Secretary reported that he had made arrangements to hold the future meetings at the rooms of the Huddersfield Chamber of Trade, Kirkgate Buildings. On the invitation of Mr. Walshaw, several members promised to attend the annual meeting of the Chamber on November 19. The Association is now affiliated with the Chamber, which is vigorously carrying forward a scheme of reorganisation embracing so far as possible all the trading classes in the town.

Lancs (N.E.).—A general meeting of the North-East Lancashire Chemists' Association was held on October 24, the President (Mr. R. Lord Gifford, J.P.) in the chair. A discussion took place with regard to the many national organisations dealing with the question of national health, and an opinion was expressed in favour of a more concentrated national health scheme. It was decided to support the establishment of a Ministry of Health, and to urge the Government to facilitate early legislation on the subject. In response to an invitation from the Blackburn Juvenile Employment Sub-Committee the Association appointed Mr. J. W. W. Openshaw to attend a Conference concerning juvenile employment. The Secretary reported receipt of a number of forms in connection with the inquiry section set up by the Central Checking Bureau for the use of chemists concerned with Insurance dispensing, and intimated that each local chemist would receive one immediately.

London (E.).—As briefly mentioned last week (*C. & D.*, October 27, p. 38), Mr. Herbert Skinner gave a thoughtful and educative address on *Microbiology* to the members of the West Ham, East Ham, and Metropolitan Essex District Association of Pharmacists at the Progressive Pharmacy Club on October 18. He pleaded for a larger consideration of the subject in its relation to the health of the community, and for co-operation to equip the pharmacist to fill the post for which his special training peculiarly fits him. He dealt with the action of micro-organisms on articles in common use, such as infants' foods, milk, and milk-sugar, illustrating his arguments with specimens of the substances discussed. He then pointed out that we do not depend on medical science for knowledge of drugs, but on pharmacy, and the same would apply to microbiology if only pharmacists would bend their specialised faculties to the work. The pharmacist is essentially an experimentalist, and if we cultivated a broader outlook and gave a chance to pharmacists who showed a trend that way, so that they could be trained in research-work as affecting the whole realm of remedial medicine, we should get many gratifying results. Neither Ehrlich nor Pasteur was a medical man. It thus seems that in any reconstruction of the syllabus of training, a niche must be found for some knowledge of microbiology. Two questions may be asked: First, Will it make us better business men? and second, Will it make us better professional men? Mr. Skinner thinks it will. Our business standing is based on our professional knowledge, which secures us special consideration. For the ultimate standard by which we shall be judged is, what is our value in the economical welfare of the State? Some may become millionaires and pass into another class, but the average working pharmacist must justify his necessity or become a mere shopkeeper. If it pays better to cultivate pure trade, do it by all means; but do not forget that some of the reputation which clings to us as pharmacists comes from those who, working in a different sphere, are laying down the groundwork of a pure pharmaceutical service. Had we done this in times past we should not now be deploring our position in the Army, and certainly not be getting angry over arguments on decimal points. The resultant will be in the future that the living we shall make will depend on the application of our training to work, in the sense of effort to build a business; but the confidence of the public and public authorities will be commensurate with the training we have undergone whereby character is moulded, and we build securely into the national economy our positive value to the welfare of the State.

London (N.).—The opening meeting of the North London Pharmacists' Association was held on October 25 at the Progressive Pharmacy Club. The President (Mr. Hugo Wolff), in his opening remarks, called attention to the various events since the annual meeting, notably the death of the first President, Mr. Peter MacEwan, to whose memory the members paid a tribute. It was agreed to raise the subscription to 6*s.*, so as to cover all costs. The monthly meetings are to be held at the Club. The Secretary called attention to a circular issued by the London Executive to members of the Association which had not received the sanction of the Executive or even of the North London Association, thereby breaking one of the rules of the affiliated Associations in interfering with their private arrangements. Mr. Melhuish, of London County,

had been invited to attend. The feeling in the meeting was unmistakable that it should not have been done without consultation. The matter was left in the hands of Mr. Skinner. Mr. Hearle discussed various interesting trade topics, including local representation of the P.A.T.A., the incidence of the stamp-duty arising out of Mr. Hanna's letter from Dublin, starch powder, the position of certain proprietary foods under the Controller's orders, prices for certain articles, etc. Owing to the late hour the subject of progress in pharmacy was postponed to the next meeting on November 8. It was announced that North London had not only won the Glaxo Cup in the bowling competition, but this was the third year in succession they had been champions. They also provided the winner of the individual championship in Mr. W. Burgess Dow.

London (S.E.).—The first general meeting of the session of the South-East London Pharmacists' Association was held at Maitland House, Greenwich, on October 25, Mr. A. J. Wing (President) in the chair. The question of a surplus-stock list in conjunction with other branches of the County Association was discussed, and it was decided to take no action in the matter. Mr. J. Humphrey and Mr. R. A. Keith then addressed the meeting on the Progressive Pharmacy Club, setting forth in detail the main objects of the Club, conditions of membership, and the many ways in which it was hoped that the Club would benefit pharmacy and pharmacists on the social side, the business side, and the political side. Mr. Humphrey said that the success of the Club was assured, upwards of a hundred and fifty members having joined, and their number was being added to daily. A discussion followed, several questions being answered by the speakers. The President, in moving the vote of thanks to Messrs. Humphrey and Keith (which was unanimously carried), announced his intention of becoming a member of the Club. Mr. Siddle raised the question of the discontinuance of the bonus payment for window-shows by the Erasmic Co. and Wright, Layman & Umney, and after discussion a resolution was unanimously carried regretting the withdrawal of the terms by the firms named, and urging them to reintroduce the scheme, and to pay for the window-show in a cash allowance equal to the value of the soap previously allowed as a payment for display. This resolution is to be sent to the County Secretary and to the Secretary of each London district Association, so that it may secure the support of the pharmacists in the Metropolitan area.

Newport (Mon.).—At the first meeting of the Executive of the South Wales and Monmouthshire Federation of Pharmacists on October 25, at the Shaftesbury Hotel, Newport—Mr. Leo Joseph (President) in the chair—warm appreciation was paid to the initiative, energy, and organising skill of Mr. Benson Harries, which had resulted in the formation of the Federation. Delegates were present from Cardiff, Swansea, Newport, Merthyr, and Monmouth County. In the evening the Newport Pharmacists' Association entertained the delegates and a number of the leading citizens. Mr. Benson Harries (President of the Association) occupied the chair, and Mr. Leo Joseph, in the course of a stirring address, dealt with the necessity for better training for pharmacists, and expressed the hope that the new Federation would become a "live" organisation from a professional point of view, and that the members would be able to work economically for the benefit of the citizens generally. Their work called for the most exact training. They required education and still more education. Nineteen millions of prescriptions were dispensed annually in Wales under the National Insurance Act, with an infinitesimal number of complaints. In the work of reconstruction after the war they would have to use all the talents, and he, for one, said confidently pharmacists, in the practice of their profession and as citizens for the communal weal, would not be found wanting. Dr. Lloyd Davies (Chairman of the Newport Insurance Committee) advocated State medical service under Civil Service conditions. They had been singularly lacking in research-work. Dr. Jones Greer, who was in uniform, wished the Federation every success. Dr. Holland (Principal of the Newport Technical Institute) said there was no reason why the profession should be satisfied with the Minor examination. In Germany there was a Reconstruction Ministry, and chemists had already put forward their particular business as being one of the chief businesses that must hold the field at the conclusion of the war. At the Technical Institute a class in microbiology has been arranged for pharmaceutical chemists, and it was hoped to build up a bacteriological laboratory. Mr. Brinsmead Williams, President of the local Chamber of Trade, pleaded for shorter hours in chemists' shops. He hoped the Pharmacists' Association would fall into line with other Associations by joining the Chamber. Mr. A. Hagon (Cardiff) proposed a vote of thanks to the Chairman and speakers, and spoke of the more cordial feeling between pharmacists and doctors since the operation of the Insurance Act. There were better prospects in the craft than ever before, and pharmacy was destined to occupy a more honourable position than ever. Till the Insurance Act came into operation chemists had practically no prescriptions to dispense. It was only recently they had come into their own. After the war the ranks of the medical profession would be thinned, and he was wondering whether an agreement might not be come to between pharmacists and the medical profession for the dispensing of all medicines. He asked the doctors favourably to consider this suggestion. Mr. H. M. Lloyd (Merthyr) seconded, and Mr. Harden (Cardiff) and Dr. Burpitt (Schools Medical Officer) supported the motion, each paying tribute to the organising ability of Mr. Benson Harries, who had brought the Federation into life. The hope was expressed that at the next meeting of the Federation at Swansea, West Wales would be included in the area. Light refreshments were provided by the Newport Association, and a short musical programme was greatly enjoyed.

Nottingham.—The opening meeting of the winter session of the Nottingham Pharmaceutical Association was held at the Flying Horse Hotel on October 17, Mr. C. E. Reynolds (Vice-President) in the chair. The death of Mr. John O'Dea, chemist and druggist, was formally announced by the Chairman, who described him as a typical Irishman, genial, and a great favourite among his acquaintances. Mr. A. Norweb (Joint Secretary) reported on the revision of the Insurance Dispensing Tariff, after which Mr. E. Eberlin, J.P., gave a full exposition of the present position and proposals. After referring to the introduction of the existing system of payment, he continued: "When the Insurance Act first came into force I myself was rather in favour of a general flat rate, but since then I have changed my mind. A flat rate would have been unequal in its incidence, and I think on the whole some system under which we are paid the mere cost of ingredients and dispensing-fee is the better one. The Local Associations Committee have had this matter under consideration for some time, and they have collected a very large and very varied set of figures. They have, in fact, taken twelve typical areas—county and borough areas—and they have investigated a matter of some 69,000 or 70,000 prescriptions from those areas, and as a result they have drawn up a scheme which they wish to place before the Commissioners asking that, beginning with the year 1918, there should be an extension of the establishment-charges, and that we shall remain under the same scale with regard to cost prices. Now comes the most important suggestion—viz., that a fee of 3½*d.* be given in respect of all compound drugs, medicaments, and preparations, and also all single drugs exhibited in more than one dose. It looks as if that might bristle with many difficulties, and there may be some difficulties arise there. Take a typical case—boric ointment. Is this to be considered a single drug, or is it to be considered to carry a higher dispensing-fee because it is exhibited in a number of doses? The Executive also suggest that a fee of 2*d.* be given in respect of all single drugs, solid or liquid. I suppose a single drug would refer to any preparation in the Pharmacopœia or otherwise. For instance, compound tincture of rhubarb would be considered a single drug. These are the most important proposals, and they work out something like this. It is found from these figures which have been before the Committee that the remuneration yielded by these proposals would be 3*s.* per hour dispensing-fee—that is, including establishment-charge—whereas at the present time it is 2.87*d.* Then we come to the question of a flat rate. Well, obviously, under a flat-rate system there would be many cases in which there would be actual loss, assuming that a chemist's services are worth 3*s.* an hour and he had been remunerated at this rate. It is pretty obvious there would be such things as filling of cachets or spreading plasters, in which there would be a distinct loss. When you come to look at the analysis of these prescriptions which have been before the Local Associations Executive, however, you find that the cases in which such things are ordered are extremely few, and one would have to accept that loss. On the other hand, you find that the bulk of prescriptions dispensed are of the nature of mixtures, liniments, and lotions, so that I think one can fairly say that the suggestion of a flat rate for dispensing is, after all, fair. The doctors themselves are on a flat rate. It is quite conceivable that the doctor might say, 'One case involves half-an-hour's work; my scale is inadequate,' but the doctor is willing to take it on a flat rate, and on the whole I think he is fairly well paid and is fairly well satisfied. (Laughter.) I think, therefore, any suggestion of the non-professional aspect of the flat rate falls particularly flat.

Then comes the question—if this system is adopted—what is to become of stock mixtures? Unfortunately at the present time we are compelled in most areas, where the Insurance Committee have accepted articles, to supply a certain number of stock mixtures, but it is suggested that stock mixtures be paid for at the same rate as ordinary dispensing, and I think that is a perfectly fair thing. If this stock-mixture difficulty disappears, then we don't mind whether the prescription has to be extemporaneously prepared so long as we are paid what we consider an adequate and fair rate of remuneration. Then comes the question of appliances. Instead of the present system it is suggested that a profit of 33⅓ per cent. should be given on cost price. Now, that seems to me a perfectly fair suggestion. I am not sure whether the Commissioners will accept that; it is rather a high price to ask them to pay in some cases, and there comes the difficulty. If you take a small article costing 3*d.*, it is not an unfair thing to ask to be able to put on one-third profit. In large amounts—for instance, on some appliances—33⅓ per cent. profit would probably be excessive, and it is more than a chemist would charge in the ordinary way of business, and yet we are asking the Commissioners to allow us to put 33⅓ per cent. on all appliances." After discussing the question of "repeats," Mr. Eberlin said that on the whole the proposals now suggested are, under present conditions, fair proposals, and as much as we can hope to get. According to an estimate made here they would involve a further expenditure of 50,000*l.* per annum for the whole of the country, which, together with the 30,000*l.*, the amount already allowed for establishment-charges, makes 80,000*l.* which the Insurance Commissioners would be called upon to find through the Insurance Societies. He thought the remuneration is very much better than was received in the first year of the working of the Insurance Act. Chemists, at any rate, are not subject to discounting. Instead of being paid 20*s.* in the pound they were paid 17*s.*, and they are now relieved of all the arduous work, involving a great expenditure of time, in pricing out prescriptions, which is very efficiently done. He considered it the duty of the Association to support the Local Associations Executive in their endeavour to obtain these better terms for us. He did not think it is a wise course for any outside body to attempt to do it: it will be done much more efficiently by a duly recognised body than by any self-constituted body of men going to the Commissioners and making excessive demands and accompanying those demands with intimidating threats to go on strike. This is not the time for such threats. Any threat of refusal on our part to work would be very injudicious indeed at the present time. The Chairman then read the following resolution:

(*a*) That this Association highly deprecates any approach to the National Insurance Commissioners by chemists excepting through their accredited representatives in the Pharmaceutical Society.

(*b*) That the Secretary of the Pharmaceutical Society be assured that he will be supported by this Association in disavowing any other representation purporting to be made on behalf of the chemists of the country.

(*c*) That at the same time we have no wish to discredit the opinions expressed by any chemists that they should obtain better terms than those proposed by the Pharmaceutical Society, and that this should be used as an argument in support of the very moderate terms asked by the Society from the National Insurance Commissioners.

(*d*) That a copy of this Resolution be sent to the Secretary of the Pharmaceutical Society.

Mr. Beilby: I really don't know what "highly deprecates" means. I should say strongly deprecates. We might as well say what we really mean. The Chairman moved the resolution. Mr. Eberlin: I will second. I don't agree with Mr. Beilby. I think the resolution conveys what we wish to convey. We do deprecate this action on the part of irresponsible people. Its tendency will be undoubtedly not only to confuse but possibly spoil the case which we have to put before the Commissioners. The suggestions which this particular body—one might as well be perfectly plain in the matter: it is a body calling itself the Progressive Pharmacy Club—makes for dispensing are of a very complicated nature. They propose in one of their schemes that mixtures should be allowed a dispensing-fee of 4*d.*, ointments, powders, etc., 4*d.*, pills and suppositories 6*d.* It is obvious we should not secure them. It is rather aiming at the moon. But apart from whether theirs is a better scale, the Commissioners would say, "You seem to be divided; we had better leave the matter as it is for the present until you come to some agreement." Mr. Beilby supported the resolution, which was carried unanimously.

Reigate.—The sixth annual meeting of the Reigate, Redhill, and District Pharmacist' Association was held on October 24 at the White Hart Hotel, Reigate, Mr. Macrae presiding. The Treasurer presented his report, showing a balance in hand of 3*l.* 3*s.* The Secretary's report, giving a *résumé* of the work of the year, was also received and adopted. The Association comprises, with one exception, every pharmacist in business in the district. Office-bearers for the ensuing year were elected as follows: *President*, Mr. Rogers (Reigate); *Treasurer*, Mr. Elford (Reigate); *Secretary*, Mr. Fowler (Redhill); *Committee*, Messrs. Dixon, Macrae, Padwick, and Pratt.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Cambridge.—The Insurance Committee met on October 27, when two local pharmacists attended—Messrs. H. F. Cook, J.P., and S. F. Barker. There was very little business of interest to pharmacists, and, as a matter of fact, the whole of the agenda was cleared off in about half an hour.

Essex.—The Insurance Committee met at River Plate House, Finsbury Circus, London, E.C., on October 30. On the recommendation of the Finance Sub-Committee, payment was ordered for drugs, etc., for the quarter ended September 30—to practitioners, 881*l.* 13*s.* 4*d.*; to chemists, 3,524*l.* 16*s.* 6*d.* and 87*l.* 2*s.* 7*d.* on account of sanatorium benefit. The Medical Benefit Sub-Committee has requested panel doctors to refrain from prescribing glycerin or syrups unless absolutely necessary. At the suggestion of the General Purposes Sub-Committee, Mr. C. Goode was appointed a member of the East Anglian Joint (Pricing of Prescriptions) Committee, and Mr. J. H. Burrows a member of the Executive Sub-Committee. Mr. Goode's proposed alteration of the Medical Benefit Regulations, for the purpose of removing the disability of insured persons to obtain medicines from a chemist if residing more than a mile from the pharmacy, was referred to the Medical Benefit Sub-Committee.

Kent.—At the meeting of the Insurance Committee at Maidstone on October 24, a special Sub-Committee was appointed—consisting of the Chairmen and Vice-Chairmen of the various Sub-Committees, with Mr. French, Sittingbourne (as representing the county chemists)—to consider and negotiate on terms of service for 1918. The Finance Sub-Committee's report showed that the amount provisionally apportioned to the Drug Fund was 23,201*l.* 2*s.* 11*d.*, from which had been met the chemists' accounts, aggregating 17,177*l.* 12*s.* 4*d.*, and the doctors' drug accounts, amounting to 4,204*l.* 6*s.* The resolution of the Manchester Insurance Committee with regard to the supply of glycerin was adopted—viz., "That this Committee views with alarm the possibility of an insufficient supply of glycerin for medicines for insured persons, and that the Insurance Commissioners be urged to take any necessary action without delay to ensure that an adequate supply of glycerin will be available for this purpose." A copy of the resolution is to be forwarded to the National Association of Insurance Committees. The Medical Benefit Sub-Committee reported that a copy of the Commissioners' letter as to the supply of cocaine had been forwarded to the Panel and Pharmaceutical Committees. A resolution of the Panel Committee providing for the payment of a late fee for prescriptions marked "Urgent" by the doctor, and dispensed during closing-hours on Sunday, was adopted, but is to be referred to the Commissioners for their approval of the intended payment. The following alterations in the panel list were reported: Hythe Borough—Harcombe Cuff, Ltd., High Street, *vice* Mr. R. Lemmon; Erith (addition)—Knowles, Fletcher & Co., Ltd., 7 Bexley Road, Belvedere.

London.—At the monthly meeting of the Insurance Committee on October 24 (*C. & D.*, October 27, p. 50), on the recommendation of the Finance Committee, payment was ordered of chemists' accounts amounting to 127,330*l.* 13*s.* 9*d.*, including 6,025*l.* 1*s.* 11*d.* for the current year. The Sanatorium Benefit Sub-Committee's estimate for drugs and appliances for the ensuing year amounts to 3,000*l.*

Middlesex.—The Pharmaceutical Committee met at the Progressive Pharmacy Club on October 24, Mr. Herbert Skinner in the chair. Reports on the Tariff were presented and discussed. The Checking Supervisor reported that the pricing of prescriptions had been done satisfactorily. The minimum statistical data for the six months ended June 30 showed that there had been 461,837 prescriptions, at an average total cost of 5.82*d.* per prescription; the average

ingredient-price was 2.96*d.*, and the average dispensing-fee was 2.86*d.*, while the average cost per insured person was 8.18*d.* Reassessment of prices for the first quarter of 1917 showed that an addition of 11.28 per cent. would be necessary to bring the rate of payment up to the 1915 level. This was a slight improvement on the 1916 figures, which required an addition of 12.25 per cent. No change had yet taken place in the method of pricing liniments not ordered as "methylated," though it was understood that other areas were benefiting by the protest made on behalf of Middlesex chemists early in the present year. Attention was directed to the fact that proprietaries were being priced below the fixed minimum prices arranged by the P.A.T.A. and individual firms, so that chemists were being compelled to break their agreements in spite of themselves. It was ultimately agreed that a special meeting should be called when the final negotiations were reported on, and before members were advised on the new terms.

SCOTLAND.

Edinburgh.—At a meeting of the Insurance Committee on October 25, it was reported that the amount paid to chemists in respect of their accounts for August was 283*l.* 2*s.* 9*d.* The Central Checking Bureau's report on July prescriptions was considered. In view of the large number of prescriptions with insufficient particulars, it was decided to draw the attention of chemists to the necessity of seeing that all requisite information accompanied the forms to enable them to be priced, and to draw the attention of doctors to the necessity of their entering such details at the time of issuing the prescription. A letter was submitted from Mr. James Dick, chemist, with reference to prescriptions, "A" forms, which had been sent through the post and were missing. It was agreed that he should be paid on the "B" forms. A letter from the Panel Committee, in reply to requests for reports on representations made to that Committee by the Pharmaceutical Committee, was submitted to the Medical Benefit Sub-Committee. The Clerk was instructed to point out to the Panel Committee certain inaccuracies contained in the letter and to ask again for the reports, stating that in the event of these not being forthcoming the Insurance Committee must consider its position with reference to the Panel Committee.

Stirling.—The Burgh Insurance Committee is paying an advance to the doctors for the quarter to September 1917 at the rate of 1*s.* 5*d.* per head and payment on account to chemists of 9*d.* per prescription for July, August, and September.

WALES.

Glamorgan.—At a meeting of the Insurance Committee, held at Cardiff on October 25 (Mr. W. P. Nicholas in the chair), Alderman the Rev. D. H. Williams intimated that the Committee had settled with the doctors to the end of 1915, and doctors and institutions had only been paid "on account" for 1916. The Committee's income for the year had not been notified, and therefore it was not possible to effect a final settlement. The chemists had been paid in full for 1913, and they had accepted an emergency settlement of 85 per cent. for 1914. They had been paid 77½ per cent. in 1915, and this had exhausted the available fund. The chemists had also been paid in full for 1916 under the new commercial Tariff—the Treasury undertaking to make good any deficiency in the Drug Fund—and in full up to August 1917. They had also received a payment on account for September.

Notes.

Complaint against a Doctor.—The National Health Insurance Commission (England), referring to the report of the Inquiry Committee constituted under Part VI. of the Medical Benefit Regulations, 1913, to inquire into the case of Dr. William Hamilton, L.R.C.P., L.R.C.S., of 95 Wallgate, Wigan, state that owing to the inability of the Lancashire Insurance Committee to produce the necessary evidence the inquiry proved abortive, and accordingly they do not propose to take any further action in the matter. It is a matter for regret, state the Commissioners, that in the circumstances the inquiry was allowed to proceed to a hearing.

Methylated Liniments.—It would be well for the various Pharmaceutical Committees, where the rectified liniments are dispensed, to make quite sure that these are not being priced by the Bureaus as methylated liniments owing to the advice given by the Commissioners that when no arrangements have been made the methylated should be dispensed. Some of the pricing officials have taken this incorrectly as an Order that in all circumstances only methylated liniments are to be allowed for, no matter what arrangements have been arrived at by the various Committees. If this matter is not checked, it will result in a serious loss to panel chemists.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C. 4, November 1, 3 p.m.

Will subscribers please note that for the present the Trade Report closes for press somewhat earlier than usual?

Although the markets generally remain quiet, there is no cessation in the upward tendency of values of drugs and chemicals, but there is a weaker feeling in several of the leading pharmaceutical synthetics, among which are aspirin, the salicylates, salol, phenazone, phenacetin, and phenolphthalein. Acetanilide is dearer; hydroquinone, paraldehyde and pyrogallic acid have a firmer tendency. Santonin is 9*s.* per lb. higher, and a further rise of 5*s.* has taken place in cream of tartar. Among the heavier group of chemicals, sal ammoniac and muriate of ammonia are substantially higher. Arsenic is still rising. Among drugs and essential oils, ipecacuanha has been selling at the recent advance, and balsam tolu continues scarce and is appreciating in value. Cape aloes is easier, and benzoin of all descriptions is very scarce. Clove oil is again dearer, likewise rosemary oil; cassia is still tending upwards, and higher prices have been paid for citronella. Among seeds, canary, coriander, and fenugreek are dearer.

Higher	Firmer	Easier	Lower
Acetanilide	Balsam tolu	Aloes (Cape)	Ammon. ichthosulphonate
Ammon. muriate	Cadmium	Aspirin	Lanoline
Canary-seed	Cassia oil	Phenacetin	Salol
Cinnamon	Citronella oil	Phenazone	
Coriander-seed	Clove oil	Salicylates	
Cream of tartar	Hydroquinone		
Fenugreek-seed	Paraldehyde		
Nutmegs	Pyrogallic acid		
Sal ammoniac			
Santonin			
Shellac			
Turpentine			

Acetanilide.—With the continuance of the firmer position in U.S.A., from 3*s.* 6*d.* to 3*s.* 9*d.* is now asked on the spot.

Acetic Acid.—The position is entirely unchanged, no Government action having been taken in regard to further importations. Small parcels are changing hands at prices which must be considered reasonably low. Glacial is practically unobtainable.

Albumen.—Sales of prime egg have been made at 3*s.* 6*d.* per lb.; value of *hen yolk* is about 115*s.* per cwt.

Aloes.—Cape aloes are easier, with good bright hard offering at 57*s.* 6*d.*, fair at 52*s.* 6*d.*, down to 47*s.* 6*d.* for ordinary. There has been a fair demand for Curaçao, ordinary offering at 79*s.* and good liver at 87*s.* 6*d.* on the spot.

Ammon. Ichthosulphonate.—Competition from Japan has forced down prices to appreciably below cost, and this should lead to a more extensive consumption. Reliable brands are offered at from 1*s.* 10*d.* to 2*s.* per lb., according to quantity, and buyers should be encouraged to stock, as it is difficult to say how long present unremunerative prices will last.

Ammon. Muriate is about 5*l.* per ton higher at from 39*l.* 10*s.* to 42*l.* per ton.

Arrowroot.—The sales include several hundred barrels St. Vincent at from 5⅝*d.* to 6¼*d.* per lb. for fair to fine manufacturing.

Arsenic.—War requirements and restricted imports lately

tend to keep the market very firm at 125*l.* per ton, and at this high level some of the Cornish tin-producing mines are in a position to develop their operations in arsenic on a notable scale in order to take advantage of the exceptional conditions.

ASPIRIN.—The price having been slightly reduced in the U.S.A., there is now more disposition among holders on the spot to ease values, which are from 14*s.* 3*d.* to 14*s.* per lb. Makers' prices show no alteration.

BALSAM TOLU.—Small sales have been made on the spot at 3*s.* per lb.

BARBITONE.—To arrive is quoted at 115*s.*, and spot is offered at 120*s.* per lb. net.

BENZOATES.—A slight reaction has set in in the U.S.A., and prices of *benzoic acid* are gradually improving again. To come forward sales have been made here below 11*s.*, and *sodium benzoate* at 10*s.* 6*d.* per lb.

BENZONAPHTHOL appears to be in rather better demand, and is worth from 60*s.* to 65*s.* per lb. net, according to quantity.

BERGAMOT OIL.—Spot sales of good test have been made at 22*s.*, and on c.i.f. terms the higher price of 20*s.* is quoted.

BROMIDES are steady, with a fair demand at previous prices.

BUCHU is firm, good green round offering at 5*s.* 9*d.* to 6*s.*, and middling to fair bronzy at from 4*s.* 10*d.* to 5*s.* 3*d.*; bright longs are from 3*s.* 9*d.* to 4*s.*, and ovals are from 3*s.* 6*d.* to 4*s.* 3*d.*, but rather scarce.

CADMIUM.—The price is again firmer at 7*s.* 9*d.* per lb., barely any second-hand parcels being obtainable.

CANARY-SEED is again dearer at 110*s.* to 115*s.* per quarter for ordinary to good Morocco.

CASCARILLA.—The island of Long Cay, or Fortune Island, Bahamas, exported 60,000 lb. during 1916. The island was formerly a centre of German stevedore traffic.

CASSIA OIL.—Spot sales have been made at 6*s.* 1*d.* for 80 to 85 per cent. c.a.

CHAMOMILES have been in fair demand at 350*s.* per cwt. on the spot for fair Belgium.

CINNAMON is dearer, firsts on spot offering at 3*s.* 6*d.*, seconds at 3*s.* 3*d.*, thirds at 1*s.*, and chips at 1*s.* per lb.

CITRIC ACID is steady at 3*s.* 3*d.* on the spot.

CITRONELLA OIL is firmer, with spot sales of Ceylon in large drums at 2*s.* 3*d.* per lb.

CLOVE OIL.—English distillers have advanced their price a further 1*s.* to 17*s.* per lb.

CLOVES are steady, with spot sellers of Zanzibar at from 1*s.* 11*d.* to 2*s.*

COCAINE.—A few sales of hydrochloride have been made this week at comparatively low rates. It may be difficult to prevent a gradual advance owing to the shortage of raw material.

CORIANDER-SEED is dearer, ordinary Morocco having been sold at 80*s.* per cwt.; holders are now asking 82*s.* 6*d.* to 85*s.* on the spot.

COUMARIN.—Sales have been made at 120*s.* per lb. on the spot, being dearer.

CREAM OF TARTAR has advanced a further 5*s.* per cwt. to 320*s.* on the spot.

CUMIN-SEED is unchanged at 65*s.* to 67*s.* 6*d.* per cwt. for fair to good sifted Morocco.

DILL-SEED has been sold at 56*s.* per cwt. c.i.f. terms for named steamer.

EPSOM SALT.—Value remains at about 22*l.* per ton in kegs for druggists' quality, and technical at from 12*l.* 10*s.* to 13*l.* 10*s.*

FENNEL-SEED.—A sale is reported at 57*s.* 6*d.* per cwt. c.i.f. terms for prompt shipment from India.

FENUGREEK-SEED is dearer, 45*s.* per cwt. having been paid for fair Morocco on the spot.

FORMALDEHYDE.—The firmer tendency in the U.S.A. continues, the spot price remaining at 127*l.* 10*s.* per ton.

GENTIAN is quoted at from 80*s.* to 85*s.* per cwt. on the spot.

GERANIUM OIL.—Bourbon on the spot is offered at about 19*s.* 6*d.* and African at 20*s.* to 21*s.*

GUAIACOL CARB.—To arrive is quoted at 125*s.*, and for spot supplies from 145*s.* to 146*s.* is wanted.

GUM ACACIA.—Kordofan sorts offer on spot at from 82*s.* 6*d.* to 85*s.*, and cleaned at 92*s.* 6*d.* per cwt.

HELIOTROPINE is worth about 30*s.* on the spot.

HEXAMINE is quoted at from 3*s.* 9*d.* to 4*s.* per lb. on the spot.

HONEY is likely to remain around its present values for the remainder of the year, as there does not appear to be much on offer by cable.

HYDROQUINONE.—The position is rather firmer, with the spot price quoted at 10*s.* 6*d.* for small parcels.

IPECACUANHA remains firm, with sales of Matto Grosso at 12*s.* per lb., up to 12*s.* 6*d.* being quoted; Cartagena has been sold at 11*s.* 6*d.*

IRIDIUM.—There is no regular market for this metal, although its use has assumed a good deal more prominence in connection with the war alongside of platinum and palladium. Its value has risen substantially this year, and now stands at about 26*l.* per oz.

LANOLINE.—With a continuous increased output in this country the price is still declining, finest B.P. anhydrous in kegs offering at from 1*s.* 9*d.* to 2*s.*, and hydrous at from 1*s.* 6*d.* to 1*s.* 7*d.* per lb. net.

LEMON OIL is extremely slow of sale, there being practically no market. Good brands are obtainable at 4*s.* on the spot, and on arrival terms from 3*s.* 8*d.* to 4*s.* 2*d.* c.i.f. is quoted.

LINSEED OIL is firm at 58*l.* per ton net spot London naked; November in barrels is 62*l.* 10*s.* old terms.

LIQUORICE-ROOT is as scarce as ever, the spot values of decorticated Sicilian sticks being from 112*s.* to 115*s.* per cwt., and for natural Spanish 82*s.* 6*d.* c.i.f. is quoted.

LITHIA CARBONATE.—Based on the American price, the spot supplies are worth 6*s.* 6*d.* per lb. net.

MARSHMALLOW-ROOT is offered at 112*s.* per cwt. on the spot.

MENTHOL. — The exports from Japan during July amounted to 18,079 kin, valued at 104,723 yen. During the seven months ended July 31 the exports were as follows:

	1915	1916	1917
Kin	221,841	243,908	161,211
Yen	1,232,232	1,557,570	1,037,477

The destinations were as follows:

	1915 Kin	1916 Kin	1917 Kin
British India	15,594	8,380	6,089
Great Britain	45,660	96,528	17,241
France	34,237	55,352	2,722
United States	105,086	73,690	123,985
Other countries ...	21,264	9,958	11,174
Kin	221,841	243,908	161,211

METHYL SULPHONAL is quoted at from 60*s.* to 63*s.* net, as to holder.

MILK-SUGAR.—Small sales are being made at from 265*s.* to 270*s.* per cwt. on the spot.

MINT OIL.—The exports from Japan during July amounted to 15,770 kin, valued at 39,374 yen. During the seven months ended July 31 the exports were as follows:

	1915	1916	1917
Kin	257,088	259,261	122,002
Yen	516,876	595,246	275,158

OPIUM is still firmly held at 65*s.* per lb. on the spot for 10-per-cent. Persian.

PARALDEHYDE remains scarce and rather dearer at from 15*s.* to 15*s.* 6*d.* per lb.

PHENACETIN.—The situation is somewhat puzzling, and it now appears that the various cheap offers from U.S.A. mostly relate to January delivery, the spot price in New York being $8.50. On the spot (London) 50*s.* will buy, although we hear of parcels being sold at slightly less.

PHENAZONE.—Rather heavy arrivals have taken place, which appear to have had the effect of easing prices.

POTASH IODIDE.—The exports from Japan during July amounted to 10,335 kin, valued at 57,096 yen. During the seven months ended July 31 the exports were:

	1915	1916	1917
Kin	81,273	107,706	81,274
Yen	619,342	803,463	498,318

Of *crude iodine* the exports in July were 485 kin, valued at 4,334 yen, and for the seven months the exports were:

	1915	1916	1917
Kin	1,185	906	15,025
Yen	8,810	5,432	121,768

POTASH PERMANGANATE.—Values are from 15*s.* to 16*s.*, but sellers are difficult to find.

PYROGALLIC ACID is improving in value, crystals being worth 15*s.* 6*d.* and resublimed 17*s.* 6*d.* net on the spot.

QUICKSILVER.—Intimation has been received that quicksilver can only be supplied by the importers on the production of the Ministry of Munitions Class "A" certificate—*i.e.*, for direct war work. This points to the position again becoming stringent in the matter of supplies.

QUININE.—Supplies are coming in slowly at the moment owing to the less frequent sailings, but a considerable quantity is shortly expected. Meanwhile, the spot price is 3*s.* 3*d.*

SACCHARIN.—Parcels afloat (named steamer) are offered at from 350*s.* per lb. to 370*s.*, net duty paid for 550 strength, according to seller, and on the spot limited quantities are quoted at from 390*s.* to 400*s.*

Sal Ammoniac has been advanced by 5*l.* per ton; first quality lump is 75*l.*, second quality 70*l.*, and ground 5*l.* per ton extra.

Salicylates.—The English production is undoubtedly showing an increase, and consumption appears to be less dependent on U.S. imports. Consequently prices show a tendency to ease, and B.P. salicylic-acid powder can be bought at from 6*s.* 3*d.* to 6*s.*, and sodium salicylate at from 8*s.* 6*d.* to 8*s.* 3*d.* net on the spot.

Salol is cheaper at from 9*s.* to 9*s.* 6*d.* per lb. for crystals in kegs on the spot.

Santonin.—The official price for santonin has been advanced from 310*s.* to 330*s.* per kilo. net ex wharf London in 50-kilo. lots, and it is not unlikely that a further increase will take place later on. The present advance is equal to 9*s.* per lb.

Shellac shows a considerable advance, but owing to few sellers spot business has been small, the market for usual standard quality TN Orange closing on Wednesday evening at 278*s.* to 279*s.* (an advance of about 35*s.* on the week), fine Orange at 350*s.*, and AC Garnet at 260*s.* Futures are also much dearer, including sales of December at 283*s.* and March 281*s.*

Squill is offered at from 55*s.* to 65*s.* per cwt. on spot, according to colour.

Tartaric Acid is firm at 2*s.* 11*d.* per lb. on the spot.

Turmeric is quiet, with small sales at from 55*s.* to 57*s.* 6*d.* for Madras finger and 50*s.* to 52*s.* 6*d.* for Bengal on the spot.

Turpentine shows a further advance of 1*s.* on the week, closing on Wednesday evening at 89*s.* 6*d.* for American on spot; the market has been much quieter this week.

Wormseed.—We are authoritatively informed that this year's crop of Russian wormseed (*Semen contra*), the raw material for the manufacture of santonin, is extremely poor, and that on account of the scarcity and cost of labour, transport, insurance, packing materials, etc., which are all on a much higher level than before, an increase in the price of wormseed is justified, and will probably shortly take place. (See also santonin.)

New York Cablegram.

November 1.

Business quiet. Menthol is higher at $3.25, and balsam tolu is also dearer at 47c. Benzoic acid has advanced to $2.10 and benzoate of soda to $1.90. Balsam Peru is lower at $4.20.

Platinum.

The price of platinum, of course, is extremely high, and tho demand for war purposes is an important factor. The great difficulty in getting hold of supplies from Russia, the leading world's producer, is making itself felt keenly. At the same time, however, no efforts are being neglected in other parts of the world where deposits exist. There has been a good deal of prospecting in Colombia, where deposits have been traced in the stream gravels and in the high gravels for long distances on the Atrato and San Juan Rivers in the Department of Choco. The most promising enterprise is that of the South American Gold and Platinum Co. along the Condoto River, while some importance is attached to the numerous native washings in the vicinity of Istinina. It is confidently expected that the production in Colombia will be considerably increased for the current year, and this view is endorsed by home interests in touch with Colombia. There is a brisk demand in America, where the metal sells at about $103 per oz., and the fact deserves notice that the substitute, palladium, is quoted at as much as $120 to $125, with a big demand. The price of platinum in the home market is still nominally 280*s.*, with palladium at a discount of 10*s.*, instead of a premium as in America. Colombia is now practically the only source of supply America can depend upon.

American Drug and Chemical Markets.

New York, October 4, 1917.

The market has become more active, and price changes are upward.

Acetanilide.—Makers have advanced their prices 5c. per lb. Sales have been made at 60c. in ton lots.

Bay Rum.—The present figure of $2.50 per gal. is below actual cost according to prices of alcohol.

Camphor.—Manufacturers of American goods have reduced prices 5c. per lb. Basis is now 74½c. for bulk.

Cascara Sagrada.—Considerable inquiries from abroad, which resulted in selling several cars of bark of different ages, ranging from 11c. for 1917 crop to 13c. for three-year bark.

Cream of Tartar has advanced to a basis of 51c. per lb. in barrels.

Glycerin was very active, and distillers were excited, some withdrawing from the market and others naming 70c. nominal.

Lycopodium.—Very scarce on spot; only a few packages are available at $2.35 per lb.

Menthol.—Selling at $3.10, which is below actual cost of importation.

Milk-sugar.—Firm at 44c., with prospects of bigger values.

Quinine.—Makers are filling orders in small lots only on the basis of 75c.; they are unlikely to change their scheduled rates.

Sarsaparilla.—Tampico supplies are practically exhausted. Last sales were made at 40c. per lb.

Senega is scarce at from 80c. to 85c.; the crop is reported to be about 25 per cent. of the normal.

Soda Benzoate continues to decline owing to inactivity.

Thymol is very scarce at $17.00 per lb., but it is hoped supplies will be available at cheaper rates before the end of the year.

Vanillin.—The high cost of crude material shows that this article is selling low at 70c. per oz.

Wormseed Oil remains very scarce at from $7.75 to $8.00 per lb.

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the Ports of London and Liverpool:

To London.
(October 20 to 26.)

Acetic acid, 25 jugs. 110 brls. 120 dmjhns. 189 cbys.
Ammon. fluoride, 6 brls.
Ammon. phosph., 276 cks.
Antim. reg., 165 tons
Argol, 147 bgs.
Aspirin, 5 cs.
Balsam tolu, 15 cs.
Benzoic acid, 2 brls.
Bromides: ammon. 20 cs.; potash, 34 cs.
Bronze powder, 117 cs.
Camphor, 95 cs.
Cantharides, 20 cs.
Carmine, 8 cs.
Casein, 1,850*l.*
Chemical prod., unrated, 8 cs. 7 pkgs. 2 cbys.
Cinchona, 311 bls.
Creosote; beech., 4 cs.
Dental goods, 3,535*l.*
Drugs, unrated, 158*l.* and 26 pkgs.
Dyestuffs, etc., unrated, 56 pkgs. 9 cks. 4 brls.; logwood, 48 tons: logwood ext., 50 brls.; mimosa-bark, 1,549 bgs.; myrabolans, 4,339 pkgs.; safflower, 400 bgs.; sumach ext., 14 cks.; tanners' bark, 1,805 tons; wattle ext., 12 bxs.
Ergo-apiol, 8 bxs.
Eucalyptol, 10 cs.
Formic acid, 265 dmjhns.
Fullers' earth, 15 tons
Gelatin, 745*l.*
Gentian, 22 bgs.; powdered, 10 bgs.
Glycerin, dist., 79*l.*
Glycerophosph. lime, 3 cs.
Gums (cwt.): kauri, 240; olibanum, 100
Heliotropine, 14 cs.
Henbane, 13 bls.
Herbs, dried, 7 cs.
Lactic acid, 203 brls. 2 cs.
Lithopone, 173 cks.
Loofahs, 326*l.*
Methyl salicylate, 30 cs.
Milk sugar, 100 cs.
Mineral jelly, 530 cs.
Mineral white, 361*l.*
Nuts and kernels: arachis, 14,875 bgs.; copra, 21,980 bgs.; palm-kernels, 40,680 bgs. 620 cwt.
Oils, essential, 238 cs. 6 drms. 4 pots 4 jars 1 box 2 cbys.; cedarwood, 58*l.*; *synthetic oil*, 3 cs. 6 drms.
Oils, fixed: arachis, 8,550 cs.; castor, 12 cks.; coconut, 600 cs. 204 hds. 290 puns. 1,586 pps. 188 pkgs.; herring, 500 cs.; olive, ref., 50 gals.; rape, 6,450 cs.; shark, 115 cs.: soya, 1,600 cs.; wood, 2,780*l.*
Ointment, 635*l.*
Opium, 112 cs.
Orris, 5 bgs.
Paraformaldehyde, 34 cs.
Paraldehyde, 26 cs.
Pepsin, 24 pkgs.
Perfumery: toilet-powder, 600*l.*
Phenacetin, 6 cs.
Phenazone, 10 kgs.
Potash iodide, 40 cs.
Potash prussiate, 5 kgs.
Pyramidon, 10 kgs. 4 cs.
Pyrogall. acid, 6 kgs. 3 cks.
Rosin, 1,300 brls.
Safrol, 1 drm. 16 cs.
Sal hepatica, 5 cs.
Salol, 7 pkgs.
Sarsaparilla, 39 bls.
Scopolia-root, 3 bls.
Seeds: canary, 10 sks.; coriander, 460 bgs.; cotton, 29,125 bgs. 800 tons; dari, 100 bgs.; dill, 170 bgs.; fennel, 200 bgs.; lin, 22,080 bgs.; palm, 116 cs.; poppy, 231 bgs.; rape, 2,008 bgs.
Soap, toilet, 53*l.*
Soda acetate, 65 brls.
Soda caustic, 44 cwt.
Soda salicylate, 30 kgs.
Soda hyposulphite, 50 tons
Sponge, 79 bls.
Squill, 19 bgs.
Starches (cwt.): dextrin, 684; farina, 1,603; maize, 12,330; potato-flour, 10,026
Sticklac, 518 cwt.
Subitol, 20 cs.
Surgical dressings, etc., 1,175*l.*
Talc, 210*l.*
Tallow, unref., 1,170 cwt.
Tannic acid, 15 brls.
Terpineol, 20 cs.
Thorium uitrate, 9,085*l.*; cerium nitrate, 91*l.*
Turmeric, 150 brls.
Vanilla, 4 cs.
Vanillin, 27 cs.
Wax, not described, 1,960 bgs. 50 brls. 180 cs. 531 pkgs.
Wax, paraffin, 6,684 cwt.
Zinc oxide, 2,960 brls.

To Liverpool.
(October 22 to 28)

Acetic acid, 139 brls.
Acetone, methyl, 35 drms.
Argol, 165 bgs.
Bronze powder, 17 cs.
Carbon black, 100 cs.
Celluloid, 1,795*l.*
Cinchona, 272 bls.
Dental goods, 369*l.*
Drugs, unrated, 313 cs. 131 pkgs.
Dyestuffs, unrated, etc., 240 brls. 120 cks.; dye ext., 60 cks. 75 brls.; dyewood ext., 60 brls.; fustic, 18½ tons: gambier, 270 cs.; logwood, 20 tons; logwood ext., 383 cks.; myrabolans, 15,984 bgs. 2,040 pockets; quebracho ext., 6,100 bgs.; quercitron ext., 150 brls.
Formaldehyde, 16 brls.
Galls, 22 cs.
Gum damar, 250 cs.
Lithopone, 448 brls.
Magnesite, 4,900 tons 12,000 bgs.
Nickel oxide, 136 brls.
Nuts and kernels: arachis, 25,529 bgs. 495 tons; copra, 433 bgs.; palm-kernels, 78,580 bgs.; panza, 246 bgs.; shea, 44 bgs.
Oils, essential, 6 drms.
Oils, fixed: colza, 865 brls.; cottonseed, 11 cks. 2 drms.; palm, 596 cks. 2 puns.; wood, 88 cs.
Petroleum jelly, 55 brls.
Phenacetin, 5 cs.
Potash chlorate, 100 cs.
Rosin, 609 cks. 1,800 brls.
Saltpetre, 4,937 bgs.
Seeds (bgs.): annatto, 57; castor, 37,512; cumin, 201; cotton, 1,340; dari 1,077; dill, 1,325; fennel, 200; lin, 25,061; rape, 9,909
Soda acetate, 160 brls.
Soda bromide, 1 pkg.
Soda salicyl., 17 pkgs.
Talc, 4,045 bgs.
Turpentine, 2,095 brls.
Wax, bees', 130 bgs. 1 tree.
Wax, carnauba 42 sks.
Zinc oxide, 700 brls.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Avoided Trade-marks.

Sir,—May we venture to question the conclusion reached in your Editorial "Avoided Trade-marks" in the *C. & D.*, October 27, p. 44? You say, "It is nothing less than the duty of British manufacturers of aspirin, formamint . . . etc., to employ these avoided names as much as possible," and you suggest that the only argument on the other side is the admittedly slender chance of a revival of the German rights. There is, we think, a much stronger argument for the use of British brands in place of the avoided German ones than this—namely, that the perpetuation of such names as "aspirin" will not only facilitate the return of the so-called original German products to our markets after the war, but will also make it quite easy for other enemy firms to introduce competitive products masquerading as British made, the effect of the avoiding of such names as aspirin being to deprive them of all their former significance. Every packet of British aspirin offered for sale is a reminder that there was once a remarkably effective but now unobtainable German product of that name; and although the best British aspirins are now quite excellent, "distance" is sure to "lend enchantment to the view," and give the public an exaggerated but quite serious belief in the efficacy of the German article they used to buy, and a consequent desire to resume its use. Had the British makers ignored the word aspirin and pushed their own brand names (as we suggested at the beginning of the war, and have ourselves done in the case of salaspin), the German manufacturers on returning to our markets would find their product forgotten, and would have to establish their goodwill afresh (and anyone who has "economised" by dropping his advertising "just for one year" knows what that means). The public, too, would benefit by the introduction of British brands, as although it would be quite possible to sell poor aspirin as aspirin, it would be impossible to build up a permanent trade in it under a recognisable brand.

Yours truly,
Bardsley. Thos. Kerfoot & Co.

Prolongation of Patents.

Sir,—In Mr. Woolley's interesting and valuable paper on "Enemy Patents and Trade-marks" mention is made of various prolongations of patents that have at various times been granted. It may interest your readers to be reminded of what may without exaggeration be called that of crowning importance—viz., James Watt's, for his improvement of the steam-engine. Obtained January 5, 1769, "on the very day that Arkwright got his spinning-frame patent," when Boulton joined Watt as partner, "the Bill extending the patent was introduced in Parliament February 1775." As was doubtless expected, this was opposed by powerful interests, but, "Suffice to say, it was finally granted for a term of twenty-four years, and the path was clear at last." As this historic partnership endured with the patent, it is thus easy to remember that both terminated in 1800. These facts are recorded in Carnegie's "James Watt," a most readable book in the "Famous Scots Series," in which chemists, however, will find some flaws. After Dr. Wilson's exhaustive study of the discovery of the composition of water given in his "Life and Work of Cavendish," it cannot be doubted that he (Cavendish) was the first and true discoverer; his "inflammable gas from metals" leaving not the faintest trace of doubt that he meant hydrogen, whereas by "inflammable gas" Watt not only understood carbonic oxide but many others. Watt cannot, therefore, be regarded as in any way having discovered the true composition of water, as stated by Andrew Carnegie; but his unquestioned inventions are so eminent, and have been of such paramount value to human progress, that he can well be spared any spurious fame.

Yours, etc.,
Derby. F. J. R. Carulla.

Glycerin Substitutes.

Sir,—I think it would have been reasonable, before stopping the sale of glycerin, to have consulted medical and pharmaceutical authorities regarding a substitute. Even now something might be done to provide a "sort of official" substitute. I note that a few doctors are ordering *pace* glycerin in prescriptions "glycerin substitute." No substitutes that I know of are really so for glycerin in medicine thus:

1.—Sodii bicarb.,
Sodii chlor.,
Sodii bibor.,
Glycer. subst. ... ... aa. ʒiv.
Aq. ad ... ... ʒviij.
For nose-wash.

2.—Ext. cascar. liq. ... ... ʒj.
Glycer. subst. ... ... ʒss.
Aq. m. pip. (dblc. str.) ... ... ʒss.
Ft. mist.

3.—Sodii brom. ... ... ʒij
Calcii chlor. ... ... ʒij.
Glycer. subst. ... . ʒss.
Aq. m. pip. ad ... ... ʒviij.
Ft. mist.

The best substitute in the case of No. 1 would be ʒiv. of sacch. alb., and for No. 2 ext. glycyr. liq. (in my opinion). For No. 3, sp. chlor. ʒij. might do. None of our "toilet" substitutes suits these cases. Then even in lotio calaminæ, although I've had a free hand to put in a substitute, those at all oleaginous are barred. I often use quince mucilage, but, although good enough for lotions, it would do no good in No. 3, say. Sweetened with saccharin it might serve as a flavouring for cough-mixtures. If the custom is at all general, then, considering the use of glycerin as a sweetener or flavouring, no time ought to be lost in providing a formula for general adoption for internal medical use.—Yours, etc., J. P. S. N. (169/72.)

[Our correspondent seems to be unacquainted with mist. trag. chlorof., which is being used very largely in London dispensing practice. It is especially intended for internal use. The formula was last given in the *C. & D.*, August 25, p. 43.—Ed.]

Trade versus Profession.

Sir,—"Diogenes Junior," in criticising my remarks at Bradford, accuses me of deviating from accuracy of statement, and suggests that a burst of laughter would be an appropriate answer. Here are the actual statements side by side:

H. Wolff at Bradford.

Mr. Wolff said "his views did not suit some people, and 'Diogenes Junior' had stated that men with such views ought to be kicked out of pharmacy."

"Diogenes Junior" ("Pharmaceutical Journal," December 4, 1915).

"Pharmaceutical training ought to be congenial as much for its own sake as for the 'loaves and fishes.' Those who find it otherwise ought certainly to be 'warned off,' and prohibited from the ranks of pharmacy."

"Diogenes Junior" can have his laugh, and I trust his tub will "hold its sides."—Yours faithfully,
180 Philip Lane, Tottenham. Hugo Wolff.

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

G. M. S. (161/47).—Repayment of S.V.M. Licence.—See *C. & D.*, October 27, p. 46.

L. C. U. (159/42).—Registration of Trade-marks is dealt with in the *C. & D. Diary*, 1917, p. 220.

J. D. F. (166/71).—Particulars regarding the restrictions on the supply of almanacs were given in the *C. & D.*, August 25, p. 35.

Radix (29/10).—The omission of the word "Syphilis" from the blood-mixture label is required to make it conform to the Venereal Disease Act.

Dripping (167/10).—The sale as dripping of a fat containing cottonseed-oil stearin would render the seller liable to prosecution under the Sale of Food and Drugs Acts.

S. S. (158/68).—A list of the areas in which the free treatment provided for venereal diseases has been approved by the Local Government Board was given in the *C. & D.*, July 28, p. 43.

Gooch (172/8).—Medicine-stamp Liability.—Both the liniment-labels you send render the preparations to which they are affixed liable to stamp-duty, because of (1) the recommendations for treating various diseases, and (2) because you are stated to be the "sole maker."

Avis (91/19).—Venereal Disease Act.—Such expressions as "an absolute specific" and "they thoroughly expel disease" should be omitted from the label of the santal capsules, otherwise on and after November 1 the retailer will incur liability to prosecution under the Venereal Disease Act.

D. & Co. (29/10).—"Anti-rheumatic Bath-salt" is a dutiable title unless the salt is an entire drug and the vendor is an exempted person (see *C. & D. Diary*, 1917, p. 364). Up to 1911 the view was held that preparations to be mixed with the water of the bath are not within the charge of duty in any circumstances, but a correspondence we published with the Board of Customs and Excise (*C. & D.*, December 2, 1911, p. 47) resulted in a definite statement that there is no exemption from stamp-duty of bath-preparations.

Manxman (170/29).—Sale of Remedies for Venereal Diseases.—Our subscriber writes: "A soldier brings in a piece of paper upon which is written:

Potas. bicarb.	5ij.
Ol. santal.	3ij.
Mucilag.	q.s.
Aq. cinnam. ad	3viij.

The prescription is unsigned, and obviously not written by a medical man. How do I stand in the matter?—no remarks being made by either the customer or myself regarding the therapeutic properties of the medicine." ["Manxman" can sell drugs used for venereal diseases so long as he does not prescribe the medicines "for reward either direct or indirect" (assuming he lives in a scheduled area). In the case stated "Manxman" does not prescribe the remedy, and the fact that the prescription is written by a layman makes no difference. Chemists in scheduled areas should be careful not to discuss the question of treatment of venereal diseases with customers; otherwise, the sale of drugs used in the treatment is not interfered with by the Venereal Disease Act.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

W. N. (162/49).—Lawn-sand.—The following are good formulæ:

A.		B	
Sodium bisulphate ...	1 part	Calcium acid phosphate	1 part
Coarse sand	3 parts	Ammonium sulphate	5 parts
		Sand	4 parts

D. A. D. (129/29).—Chemical Fertilisers.—These have several disadvantages as substitutes for stable-manure for gardens, the chief being expense and the evanescent effect due to the ready solubility of the chemical salts. A list of chemical fertilisers was given in the *C. & D.*, March 24, p. 52.

E. S. W. (161/24).—Books on Petroleum.—Redwood's "Petroleum and its Products" (2 vols., 45*s.*, Griffin); Thomson, Redwood, and Cooper-Key's "Handbook on Petroleum" (8*s.* 6*d.*, Griffin); Tinkler and Challenger's "Chemistry of Petroleum" (5*s.*, Lockwood).

J. F. S. (161/69).—Brooke's Ointment.—The following formula for this ointment was given in the *C. & D.* some years ago:

Zinci oxidi	5ij.
Pulv. amyli	3ij.
Vaselini albi	3ss.
Hydrarg. oleat. (5-per-cent.) ...	3j.
Ac. salicyl.	gr. xx.
Ichthyol.	℥xx.
Ol. lavandulæ	q.s.

M. ft. ung.

The ointment is employed in treating catarrhal lupus of the skin.

G. A. C. (159/24).—Lung-tonic.—The coltsfoot, horehound, linseed, and liquorice in the formula given in the *C. & D.*, October 13, p. 52, are boiled with the water and strained. When cold the compounding is continued with the other ingredients.

J. G. (169/38).—Quinine Pessaries contain 5 gr. of quinine hydrochloride in a basis of oleum theobromatis or gelatin.

Nemo (166/38).—Cost of Mixture.—This you should work out on the basis of the Drug Tariff for Insurance dispensing, putting on to the cost your profit and dispensing-charge.

L. & Co. (170/38).—Fire-extinguishers.—The powder form of fire-extinguishers consists of mixtures of bicarbonate of soda with calcium carbonate or inert ingredients. The composition as shown by the Home Office Report published last year is given in the *C. & D.*, July 29, 1916, p. 824. The Report referred to stated that the use of these powders was to be deprecated for practical purposes.

T. T. (170/64).—Artificial Essence of Elderberry:

Essence of raspberry	100 oz.
Essence of tuberose	5 oz.
Essence of pimento	2 oz.

This should be given a dark colour.

Radix (141/36).—Book on Milk-analysis.—Pearmain and Moor's "Analysis of Food and Drugs: Part I. Milk and Milk Products" (Baillière, Tindall & Cox, 6*s.*).

Stocktaking (169/53).—Pricing Goods at Stocktaking.—This is done at current wholesale prices, except in cases where owing to deterioration a lower price is required to be fixed.

J. R. (169/66).—Fishermen's Oilskin Garments are waterproofed in the following manner: The material should be fine twilled calico, dipped in bullocks' blood, and well dried in a current of air. Then apply two or three coats of raw linseed oil containing a little gold size (say, 1 oz. to 1 pint of oil). Each coat should be allowed to dry thoroughly before the next is put on, the drying to take place in an enclosure protected from sun and rain.

H. F. S. (169/15).—Bronze-powder is prepared from an alloy of copper, zinc, tin, and antimony; the proportions vary according to the colour required. The metals are melted together and cast into rods ½ in. in diameter and 3 ft. long. These rods are rolled until about 2 in. wide, and then the metal is cut into suitable lengths for handling. The pieces are beaten very thin, and are then treated in a sulphuric-acid bath to remove rust and dirt. After drying the sheets are again hammered until the limit of thinness is reached, and are then cut up by means of shears into "clippings," which are beaten to powder in stamp-mills. The powder is sifted and graded. Workers in bronze-powder factories are required to take precautions against metallic poisoning, similar to those observed in potteries where lead is used.

P. E. K. (168/55).—Wood-fillers.—The paste-form is made by grinding a mixture of earths with linseed oil. The earths are coloured according to the wood the grain in which is to be filled. In the case of mahogany ferric oxide, or a vegetable colour such as dragon's-blood, is employed, preferably the latter, as any tannin present in the wood reacts with the iron in time. The following is a representative formula for this compound:

Silica, clutriated	100 lb.
Steatite	35 lb.
Vandyke brown	3 lb.
Burnt sienna	1½ lb.
Burnt umber	2¼ lb.
Linseed oil	2½ gals.
Japan	½ gal.
Thin driers	3 gals.

Grind together in a paint mill.

Rhei (167/27).—Books on Massage.—Ostrom's "Massage and the Original Swedish Movements" (Lewis, 3*s.* 6*d.*); Palmer's "Lessons on Massage" (Baillière, 7*s.* 6*d.*); Despard's "Text-book on Massage" Frowde, 10*s.* 6*d.*); Pireau's "Massage Manual" (Scientific Press, 2*s.* 6*d.*).

A. S. (166/59).—The potash preparations the sale of which is controlled are enumerated in the *C. & D.*, October 27, p. 33. The maximum aggregate quantity of the potash salts mentioned which can be sold without a licence is 3 lb. in one calendar month.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Nov. 15, 1867.

Notice to Advertisers.

Having had repeated applications made to us for the insertion of Circulars, Price-lists, etc., in The Chemist and Druggist, the Proprietors have decided to make such arrangements as will meet this demand. It is proposed that in the New Series of The Chemist and Druggist for 1868 the numbers issued on January 15 and July 15 in each year shall be set apart for the insertion of Enclosures, Lists, etc. [This was the commencement of the system of insets for which the *C. & D.* has been noted ever since.—Ed.]

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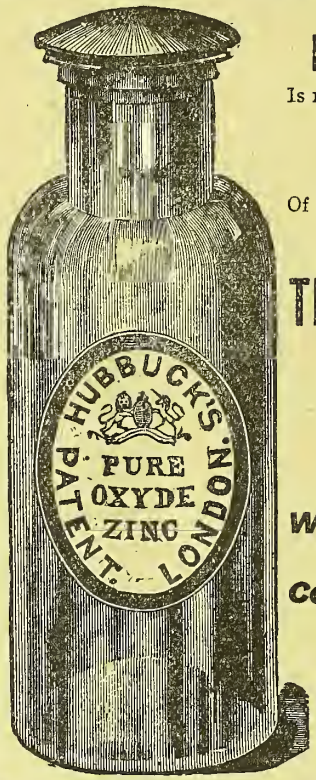
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Papain, 1–80, 1 oz. @ 3/– oz.
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Paraldehyde, B.P., 1 lb. @ 17/– lb.
Pepsin, B.P., 1 lb. @ 16/6 lb.
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Phenolphthalein, 1 lb. @ 80/– lb.
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Potassa Caustica Sticks, P.B., 1 lb. Bots. @ 14/– lb.
Potass. Acetas. Gran., P.B., 28 lbs. @ 3/11 lb.; 7 lbs. @ 4/1 lb.
Potass. Bicarb. Pulv., 7 lbs. @ 2/4 lb.
Potass. Brom. P.B., 7 lbs. @ 7/3 lb.
Potass. Chlor. Pulv., 7 lbs. @ 3/2 lb.
Potass. Cit. B.P., 7 lbs. @ 4/8 lb.
Potass. Cyanidum, 98%, 7 lbs. @ 3/9 lb.
Potass. Iod., P.B., 14 lbs. @ 12/10 lb.; 3 lbs. @ 13/3 lb.
Potass. Metabisulph., 7 lbs. @ 3/3 lb.
Potass. Permang. Cryst., 2 lbs. @ 16/– lb.
Potass. Prussias Flav., 7 lbs. @ 5/6 lb.
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Pulv. Glycyrrh. Co. B.P. (Green), English Ground, 56 lbs. @ 114/– cwt.
Pulv. Ipecac. Comp. P.B., 1 lb. @ 10/3 lb.
" Jalap Comp. P.B., 1 lb. @ 3/4 lb.
" Rhei Comp. P.B., 1 lb. @ 2 8 lb.

Quassia Chips, 1 cwt. @ 47/– cwt.; 28 lbs. @ 5½d. lb.
Quinine Bisulph., 10 oz. @ oz.
Quinine Ethyl Carb. (Tasteless), 10 oz. @ oz.
Quinine Hydrobromas, B.P., 25 oz. @ 4/4 oz.; 10 oz. @ 4 6 oz.
Quinine Hydrochlor., B.P., 25 oz. @ 4/3 oz.; 10 oz. @ 4/4 oz.
Quininæ Sulph., B.P., 100 oz. @ 3/5 oz.; 25 oz. @ 3/7 oz.; 10 oz. @ 3/8 oz.

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Rad. Rhei, E.I. Trimmed, 7 lbs. @ 5/3 lb.; 1 lb. @ 5/9 lb.
Resorcin, B.P. 1 lb. @ lb.

Saccharine, 7 lbs. @ lb.; ·550 or ·500, 1 lb. @ lb.
Sacchar. Ust., 1 cwt. @ 85/– cwt.; 10 lbs. @ 10½d. lb.
Saffron. Valentia, B.P., 7 lbs. @ 44/– lb.; 1 lb. @ 46/– lb.; 1 oz. @ 3/2 oz.
Sal. Acetos., 7 lbs. @ 2/10 lb.
Salicinum, B.P., 1 lb. @ 28/– lb.
Salol, B.P., 1 lb. @ 11/6 lb.
Sang. Draconis, pulv., English Ground, 7 lbs. @ 3/2 lb.
Santoninum, P.B., 16 oz. @ 160/– lb.
Sapo Cast. Alb., 2 cwt. @ cwt.; 7 lbs. @ 11d. lb.; pulv., 1 cwt. @ 150/– cwt.; 56 lbs. @ 1/4½ lb.; 7 lbs. @ 1/5½ lb.; Animal pulv. 1 cwt. @ 130/– cwt.; 56 lbs. @ 136/– cwt.; 7 lbs. @ 1/4 lb.
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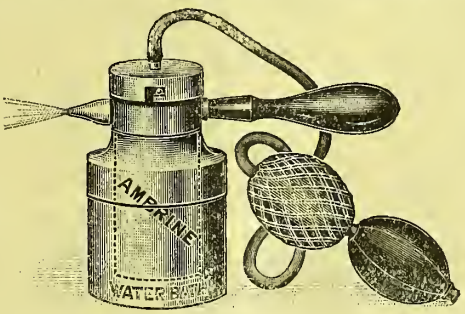
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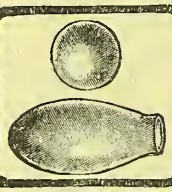
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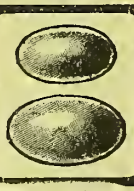
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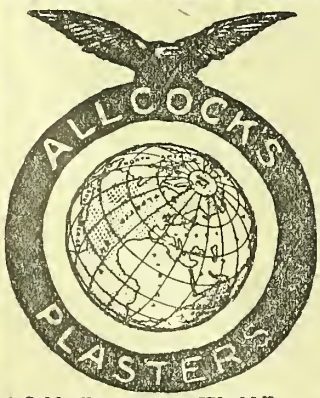
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TURNER BROTHERS ASBESTOS CO., Ltd.,

ROCHDALE, England.

INGRAM'S

"Agrippa"

PATENT No. 17617

BAND TEAT & VALVE

(BRITISH MADE BY BRITISH LABOUR)



"AGRIPPA" Band Teat (Black or Transparent Rubber).

The Nearest Copy to the Natural Nipple

(Note the patent band around the teat that grips tightly to the neck of the bottle.)

The "AGRIPPA" Band Teat will fit any boat-shape feeding bottle, and will not slip off.

The Teat and Valve can be sterilised or cleansed by simply boiling in water, and the quality of rubber will not be deteriorated thereby.

The **Patent Band Valve** is devised according to the most up-to-date theories, and affords a means of regulating to perfection the flow of the milk food.



"AGRIPPA" Band Valve (Black or Transparent Rubber).

The "AGRIPPA" Patent Band Teat and Valve are protected by the P.A.T.A., and are supplied on the understanding they will not be re-sold to Chemists and Retail Trade at lower prices than quoted below.

GOODS.	Minimum Wholesale Prices to Chemists.	Minimum Retail Prices.
"AGRIPPA" TEAT (Patent No. 17617) Black or Transparent	2/6 per Doz. Net 27/6 per Grs. Net (for orders of 3 Doz. and over).	3½d. EACH.
"AGRIPPA" VALVE (Patent No. 17617) Black or Transparent	2/- per Doz. Net 22/- per Grs. Net (for orders of 3 Doz. and over).	3d. EACH.

OBTAINABLE FROM ALL WHOLESALE HOUSES.

Patentees and Manufacturers—

Ingram's

LONDON

ELEY BROTHERS, LIMITED

specialise in the manufacture of the following articles at the lowest prices:

Shaving Stick Cases

Oval and Round Tops

for Powder Tins, Cruets, Dredgers, etc.

Metal Boxes

for Dentifrices, Soap Tablets, etc.

Ferrules

for Walking Sticks, Whips, Bamboo Fittings, etc.

Pencil Fittings

in any of the following metals: Brass, Copper or White-metal (nickel or silver - plated), Aluminium and Jewellers' Metal (Tombac).

During the continuance of the War we cannot undertake orders to make any of the above goods requiring one or more of the metals for their manufacture of which the use for commercial purposes has been prohibited by H.M. Government; but we invite inquiries, as we still have some articles in stock which were made before the prohibition was issued.

ELEY BROTHERS, Ltd.

(Dept. 21), Edmonton, London, N.

The NORWICH

CRÊPE BANDAGE

SUPERIOR ENGLISH MANUFACTURE.
Extremely elastic, but contains no rubber.
FAST WOVEN EDGES.



"I'm ready for the midday rush when I get my Norwich Crepe Bandage on."

THE BANDAGE THAT CAN BE STERILIZED.

IMPORTANT
THE EDGES WILL NOT FRAY OUT NOR RAVEL.



Invaluable for all binding purposes. Entirely displaces bandages of rubber and elastic web. Considerably more durable, although less than one-third the cost of rubber or elastic web.

WOOL v. COTTON
Sterilized Bandages.

Patients having varicose veins and other ailments requiring the use of bandages usually suffer from cold extremities due to bad circulation. They require *warmth* as well as support. The Norwich Crêpe Bandages, containing wool, provide this warmth and do not absorb grease so readily as those made of cotton. Moreover, they may be thoroughly cleansed by the use of *hot* (not boiling) soapy water, with the addition of a little ammonia or soda. The bandages are healthy and comfortable to wear, giving the necessary firmness, yet yielding to every movement. Self-clinging and self-adjusting.

The Norwich Crêpe Bandage is made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Its inexpensiveness, compared with foreign productions, and its high quality, universally commended by the medical and nursing professions, make it ideal for sufferers from varicose veins and for all purposes where bandages are required. Send for prices and samples to the sole manufacturers:

THE NORWICH CRAPE CO. (1856) LTD.,
St. Augustine's Silk Mills, Norwich, Eng.
London buyers can obtain samples and prices from Mr. T. Eastaway, London representative, 7. Wool Exchange, E.C. 1
Provincial Selling Agents:
Messrs. Freese & Moon, 59 Bermondsey St., London, S.E. 1.

FIRST AID
OUTFITS.

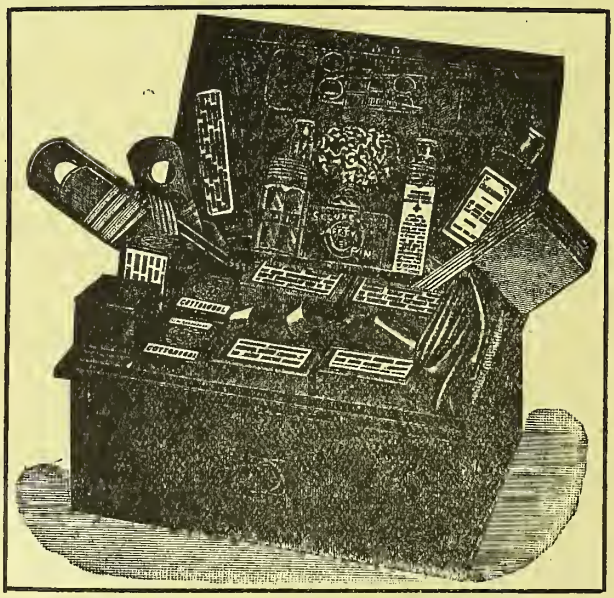
Quick Sales will be experienced by the display of "Fastnet" handsomely-packed Outfits, costing:—

No. 2, 4/6

No. 3, 6/6

No. 4, 12/-

NETT.



No. 5, 17/6

No. 6, 22/-

No. 7, 45/-

NETT.

JOHN TIMPSON & CO.,
Limited,
104-106, Golden Lane,
LONDON, E.C.1,

Telephone:
CITY 6910 (2 Lines).
Telegrams:
"POROUS, LONDON."

"SANOID" BORACIC SOCKS

FOR SPRING SALES.

MANY Chemists have enjoyed the ready sale of Boracic Socks, which literally

SELL THEMSELVES

5/- per dozen pairs.
57/- per gross pairs.



Now is the time to order, so as to enjoy a share of these

READY SALES

FREE SAMPLE PAIR ON APPLICATION.

CUXSON, GERRARD & CO., Ltd., OLDBURY AND BIRMINGHAM.

HOT WATER BOTTLES

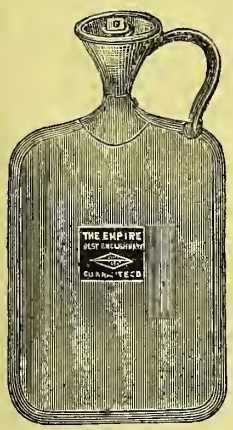


FIG. 957.—Side Handle.

BRITISH MAKE.

The "EMPIRE" Brand

Made in Two Weights, but One Quality only—THE BEST.
Guaranteed for 2 years.

Sizes	6×8	6×10	6×12	8×10	8×12	8×14	10×12	10×14
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Heavy weight ... ... each	3 2	3 5	3 8	3 11	4 3	4 10	5 2	5 9
Light ,, ... ,,	3 1	3 4	3 7	3 10	4 1	4 8	4 11	5 6
Covers, scarlet or grey plush ,,	0 11	1 0	1 1	1 2	1 4	1 6	1 8	1 10

5% discount allowed for prompt cash off above prices.

We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Belts, Catheters, Clinical Thermometers, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Trusses, Splints, Water and Air Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber and Vulcanite Goods.

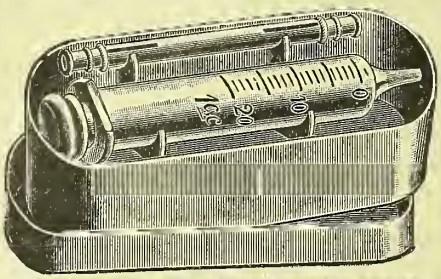
ILLUSTRATED PRICE LIST POST FREE. OUR GOODS ARE RIGHT. MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.,

91 & 92 GREAT SAFFRON HILL, LONDON, E.C. 1.

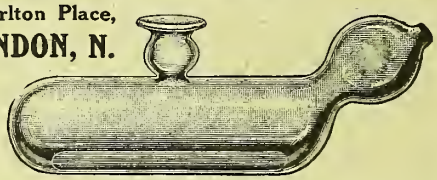
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In view of the prohibition on Glass Bottles we can surely be of use to you with our large and varied stocks. Write us for prices of Porcelain Pomades with celluloid caps. | SEND FOR STOCK LIST



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Sole Proprietor:
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OF ALL DESCRIPTIONS.

Buyers in India, Australia, South Africa, and the Far East should send samples (two of each) and quantities required for quotations to

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Medical Flats { Best Quality, Quinine Tinted. Pale Tinted, 2nd Quality.
Panels " Pale Green.
Vials, White Flint. All sizes.
Poisons, Actinic Green, Blue or Amber.

SAMPLES AND PRICES UPON APPLICATION TO—

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Telephone—HOP 3222.

HAVE YOU RECEIVED OUR

NEW CATALOGUE

Of BOTTLING, TUBE- & TIN-FILLING MACHINES, MIXERS, EMULSIFIERS, ETC.

Up-to-date Plant at Low prices.
Something to meet every need.

WRITE—
ROBERTS' PATENT FILLING MACHINE CO.,
33 ROUNDCROFT STREET, BOLTON, ENGLAND.

BRITISH MADE

SCENT SPRINKLERS
COLLAPSIBLE TUBES
Decorated Tin Boxes & Canisters

Manufactured by
The JOHN DALE Mfg. Coy.
NEW SOUTHGATE, LONDON, N.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, NOVEMBER 3, 1917

This Supplement is Inserted in every number of The Chemist and Druggist.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—WEST KENSINGTON (Death Vacancy).—Retail and Dispensing Business of good class; returns £800, formerly £1,000, at good prices; with a view to realising quickly, vendor is willing to make some sacrifice.

2.—LONDON (Central.—Thoroughly sound Retail Business in busy main thoroughfare, producing a net profit of £750 to £1,000 per annum; further details on application; references will facilitate business.

3.—WEST END.—Lock-up Pharmacy; Retail and Dispensing; returns £1,200; gross profit about £700; books open to inspection; vendor, having taken up another business, will make some sacrifice for a speedy transfer.

4.—LONDON (Suburb).—Cash Retail Business and own Proprietaries; position is exceptionally good, and the returns can be much increased; present rate about £1,200; owing to a breakdown in health an immediate sale must be effected; terms, valuation of stock and fixtures.

5.—LONDON, N.E.—Brisk Ready-money Business; held by vendor upwards of 25 years, now retiring; returns average between £1,100 and £1,200 per annum; net profit one-third; vendor's own property; ney lease; price £550.

6.—BANKS OF THE THAMES.—Retail and Dispensing Business, situate in busy main thoroughfare; returns between £1,800 and £1,900; *net profit* £461; books open to inspection; price £850; stock and fixtures recently valued at £650.

7.—CITY (within easy distance of).—Old-established Business, in good position in populous district; the net income is £386, and under energetic management can be increased; good house; rent £50; price £600.

8.—SUSSEX.—Good-class Retail and Dispensing Business, situate in a beautiful district, and practically unopposed; gross receipts £850; net profit exceeds £250; modern fitted Pharmacy, with capital residence and garden stocked with fruit and rose trees; valuation terms entertained.

9.—PARTNERSHIP.—A Partner required in very old established Business situate in a Home County; a gentleman with small capital would not be objected to; returns, including Branch, £3,650.

10.—YORKSHIRE.—Family Retail Dispensing and Agricultural Business, with own proprietaries in good demand; returns £800; net profit, after all expenses paid, £200; rent £28, including good six-roomed house, garden, warehouse, and yard; terms, valuation of stock and fixtures.

11.—LEEDS.—Good-class Retail and Dispensing Business; established many years; returns between £900 and £1,000; profits good; large residence with private entrance; vendor will accept valuation of stock and fixtures.

12.—KENT (Market Town).—Modern Ready-money Business, situate in pleasant district; returns about £1,000; the business admits of extension; terms, valuation of stock and fixtures.

13.—MIDDLESEX (few miles out).—General Retail (no N.H.I. Dispensing), doing the leading trade in the district; old-established connection; returns £2,000 (present rate); *net profit* £500; to an energetic man accustomed to a ready-money business this will be a lucrative investment; price about £500.

14.—SEASIDE RESORT (South of England).—Retail and Dispensing Business, situate in shopping thoroughfare in chief business centre; returns between £1,400 and £1,500; *gross profit last year*, £570; well-appointed shop and comfortable residence; no reasonable offer refused.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.,** can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BUSINESSES FOR DISPOSAL.

See Notice on Front Page of this Supplement.

CO. DURHAM.—Drug Stores; established; suit qualified or unqualified; comfortable residence and private entrance; rent £50 yearly; returns £750; price £350. For particulars apply 133/8, Office of this Paper.

LONDON, S.W.—Genuine Business for Sale in good residential locality; returns £1,900, increasing yearly; any reasonable offer entertained. Apply 132/33, Office of this Paper.

GOOD-CLASS Chemist's Shop and Premises for Sale, or to Let with Fixtures and Stock at valuation; in excellent position in large Eastern Counties town; rent £36; low assessment. Apply 144/32, Office of this Paper.

FOR Sale, old-established (40 years) Chemist's Business; excellent fixtures, and well stocked for immediate disposal; turnover has amounted to £1,000 per annum. For further particulars apply to Mr. Parkin S. Booth, the Association of Manufacturing Chemists, Ltd., 32 Kimberley House, Holborn Viaduct, E.C., and at Exchange Chambers, 2 Bixteth Street, Liverpool.

LONDON, N.—A fine opportunity to purchase a well-stocked and fitted up-to-date middle-class Pharmacy, main thoroughfare, on exceptional terms; takings £800; will accept £250, or near offer for quick sale; part could remain. Apply 146/39, Office of this Paper.

FOR Sale, as a going concern, well-established Chemist's Business in Blackpool; present takings average about £1,000 per annum. Apply John Potter, Incorporated Accountant, 34 Birley Street, Blackpool, or Parkin S. Booth Accountant to the Association of Manufacturing Chemists, 35/37 Exchange Chambers, 2 Bixteth Street, Liverpool, or 32 Kimberley House, Holborn Viaduct, London, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

35 Jewry Street Fenchurch Street E.C.3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—KENT (Suburb).—Good progressive Middle-class Business; no booking; returns £1,850; *net profit* £450; books properly kept; convenient house; handsome Pharmacy, heavily stocked; price £50 and valuation; about £1,000; strongly recommended.

2.—DEVON (Market Town).—Well-established good-class Business in central position; has done over £1,500; now neglected under Manager; owner on active service; splendid premises; price, valuation or offer; part can remain.

3.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.

4.—WEST-END.—High-class Dispensing Business, in very prominent position, with scope for much increase; returns average over £2,000; *net profit* £620; price £1,100; excellent chance for two smart men; further details on receipt of references.

5.—CITY.—Old-established City Business, returning over £1,100 under Manager; splendid position; fully stocked; principal could easily do £2,000; price about £700.

6.—NORTH LONDON (Healthy Suburb).—Sound progressive Cash Business for immediate disposal through serious illness; returns £1,150; *net profit fully* £300; fine modern Pharmacy; excellent main road position; low rent; price £750 or offer.

7.—LONDON (Distant Suburb).—Good middle-class Cash Retail; chiefly Prescribing; returns £14 weekly, increasing; *net profit about* £300; very low rent; fully stocked; price £475 or valuation; part can remain.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early; we have only two or three weeks this side of Christmas. Full particulars and terms sent on application.

MESSRS.

TOPLIS & HARDING

AUCTIONEERS (Established 1790),

66 Cannon Street, London, E.C. 4

(and at Manchester)

BEG TO ANNOUNCE THAT THEIR NEXT

SALE BY AUCTION

OF

CHEMICALS, DRUGS, ANILINE DYES and DRYSALTERY GENERALLY

INCLUDING ABOUT

500 GALLONS MEDICINAL COD LIVER OIL

WILL TAKE PLACE AT THE

London Commercial Sale Rooms, E.C.,

NOVEMBER 21.

Saleable Stocks of any description may be included.

TERMS UPON APPLICATION.

TELEPHONE - - CITY 8217 (3 lines).
TELEGRAMS - - "TOPLIS, LONDON."

PARSON C. BAKER

(Pharmaceutical Chemist),

Trade Valuer & Transfer Agent.

Recommended by The British Drug Houses, Ltd.; Messrs. Megg son & Co.; Barclay & Sons, Ltd.
Valuer to the Association of Manufacturing Chemists.

1 Mountfield Road, CHURCH END, FINCHLEY, N.

Tel. No.: Finchley 812.

FOR SALE.

BOTTLES; 500 Stoppered Corbyn Quarts (blue); 500 assorted Shop Rounds (plain), 500 gross Dispensing Bottles, Poisons, Eau de Cologne, etc. Hemmings, Bottle Stores, 76 Peckham Rye, S.E.

NATIONAL Cash Register to be Sold at once (second-hand); prints receipts; latest type; cheap to early buyer. Write to C. Hart, 113 Winchester Street, Warwick Street, Pimlico, S.W. 1.

TIN Boxes, printed Zinc Ointment, Boric Ointment, etc.; splendid designs; job lines to clear; send 4*s.* for sample gross, or 20*s.* for six gross; 4,000 gross (about) to clear. Hemmings, 2 Scylla Road, Peckham, S.E.

TWO Pulsicons, one Vee Dee Vibrator, 1 cwt. Roll Sulphur, in good condition; 5j. Hydrastin (alkaloid). What offers? Or Mag. Sulph. in exchange. Jones, Pharmacist, Waterford.

QUANTITIES of Labels, Cartons, and Showcards for various sundry lines for sale. Apply 170/47, Office of this Paper.

WHAT Offers? Phenophthalein, 4 oz.; Codein Phos., 2 oz.; Duotal, 3 oz.; Theocin Sod. Acet., 2 drm.; Trional-Bayer, 2 oz.; Sulphonal Bayer, 1 oz.; Axalgine, 1 oz.; Nigranine, ½ oz.; Bromural Knoll, 2 dr.; Guaiacol Benz., ½ oz.; Calc. Bromide, ½ oz.; Piperazine Schering, 1 oz.; Orphol-Heyden, 2 dr.; Cusylol, ½ oz.; Cinchonidine Sulph., 8 oz.; Soda Benz. (Synth.), 7 lb.; Jalapine, 2 oz.; Caffeine Hydrobrome, 1 oz.; Lithii Benzoas, 1 oz.; Iodol, 1 oz.; Citrophen, 1 oz.; Anæsthesin, 2 dr.; Agathin, 2 dr.; Quinine Glycro. Phos., 1 oz.; Quinine Chlorate, 2 oz.; Caffeine Tri-iodid, 2 dr.; Thiocol Roche, ½ oz.; Coumarin, 2 dr.; Salipyrin, ½ oz.; Glycin Andreesns, ½ oz.; Lupinine, 4 oz. Lairds, Chemists, Limerick.

UNEXPECTED AND PROMPT RETIREMENT OF PROPRIETOR.—EMERGENCY SALE of Drugs, Chemicals, Sundries, of old-established Dispensing business in London; or would be disposed of as a going concern for a trifling figure. Apply 146/6, Office of this Paper.

AGENCIES.

A GENTLEMAN for 30 years connected with the trade, and thoroughly conversant with best markets, will shortly be open to undertake the Buying for houses of reputation at home or in the Colonies; also would accept Selling Agencies for British and foreign manufacturers; advertiser is known by repute both here and abroad, and is in a position to influence business generally. Apply 146/19, Office of this Paper.

AN old-established firm with extensive organisation and experienced selling staff, and having large connection amongst Chemists, Caterers, Restaurateurs, Bakers, Confectioners, and Grocers, wishes to take up, on commission, sole Selling Agency in good lines; must be British goods; principals only dealt with. Full particulars to "Sales," c/o J. W. Vickers, Ltd., 5 Nicholas Lane, E.C. 4.

BRITISH REPRESENTATIVE WANTED.—We desire to connect with an experienced, reliable Representative as Agent for New York exporting house in Botanical Crude Drugs, etc. Kindly apply, giving full details, to 168/9, Office of this Paper.

SWISS, established at Zurich, well introduced throughout Switzerland amongst buyers of Cosmetic and Pharmaceutical products, Toilet articles and Perfumeries, wishes to take over Agencies from English Manufacturers of these lines after the war. Inquiries to W. S., 60 Esmond Road, Bedford Park, W. 4.

BUSINESSES WANTED.

WANTED, a sound Business, doing over £1,500, with scope for increase: situated in a healthy London suburb or large provincial town south of Midlands; one month's trial required; cash on approval; no Opties. Apply "M.P.S." (144/26), Office of this Paper.

PARTNERSHIPS.

GENTLEMAN requires Partnership in Wholesale Drug, Manufacturing, or allied trade; thoroughly experienced in all branches; good capital to invest if right thing; no agents; full particulars in confidence. Apply 145/15, Office of this Paper.

TO LET.

OXFORD STREET (near).—Large Room; 17 × 19 feet; ground floor; good light; good opening for Dentist. Apply Chemist, 14 High Street, Marylebone.

APPRENTICESHIPS.

YOUNG French boy wants post as Apprentice; board and lodgings with Pharmacist in return for services; slight knowledge of English. Apply 138/9, Office of this Paper.

SITUATIONS OPEN.

See Notice on Front Page of this Supplement.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

RETAIL.

BIRMINGHAM.—Young lady, who has had some experience in a Chemist's establishment and can Dispense, required for permanent and comfortable post. State when at liberty and salary required, "H. S." (144/39), Office of this Paper.

BIRMINGHAM.—Good opening for unqualified Assistant (single), either discharged from Army or above military age, on the stocktakers' staff of firm of Retail Chemists; permanency with progressive salary to a capable man not afraid of work. "H. L." (144/390), Office of this Paper.

BIRMINGHAM.—Qualified Manager required for progressive Cash Retail business, with some N.H.I. Dispensing; splendid opening for man anxious to get on; liberal interest in profits offered. "H. B." (144/392), Office of this Paper.

CHELTENHAM.—Two smart Assistants wanted (ladies or gentlemen) for brisk modern Retail and assist Dispensing occasionally; outdoors. Give full particulars, including salary, Lloyd, 1 St. Luke's Villas, Cheltenham.

DONCASTER.—Wanted, smart Assistant; unqualified; short hours. Apply, with full particulars, wage, etc., to Secretary, Doncaster Mutual Co-operative and Industrial Society, Ltd., 1 John Street, Doncaster.

EXETER.—Wanted at once, Assistant (male or female). Apply, stating age and usual particulars, with photo, and state salary required, Hinton Lake & Son, Ltd., 41 High Street, Exeter.

GRAVESEND.—Assistant required, unqualified, ineligible, or in a low category, for general Dispensing and Counter work; easy hours and no Sunday duty; outdoors. Apply, giving full particulars, to E. Millhouse, 26 New Road, Gravesend.

HINCKLEY.—Competent Assistant required, lady or gentleman, with Dispensing and Counter experience; outdoors. State age, experience, and salary required, Knight & Crofts, Pharmacists, Hinckley.

LANCASHIRE.—Young lady Assistant required for Light Retail Chemist's establishment; comfortable and permanent berth for one who has had some previous experience. "B. S." (144/391), Office of this Paper.

LEICESTER.—Junior Assistant; ineligible, or discharged from military service preferred; assist Counter and N.H.I.; medium-class trade. All particulars, salary required, etc., to Wilby, Chemist, 124 Humberstone Road, Leicester.

LONDON, S.E.—Assistant wanted, ineligible or over military age, outdoors, for quick Cash Retail; no Sunday duty, Thursdays one o'clock. Apply, stating age, salary required, experience, also references, to Brooks' Drug Stores, corner of High Street, Broadway, Deptford.

LONDON, W.—Required now or shortly, a thoroughly capable all-round Assistant of good height, appearance, and address; about 30; must be a real Counterman and accustomed to the putting up of proprietaries; Dentistry advantageous, but not essential; permanent berth; two kept. Letters firstly, W. V. Wright, 25 Broadway, Hammersmith.

LONDON, W.—Wanted, a really good qualified or unqualified Assistant, who has a thorough knowledge of Counter work and who can sell goods; an exceptional opportunity with great prospects for an up-to-date man. Apply "J. J. N." (137/290), Office of this Paper.

LONDON, W.—Unqualified Assistant required for Dispensing and Retail Counter; outdoors. Personal application preferred to Mr. Underwood, c/o Blake, Sandford & Blake, 49 Dover Street, Piccadilly.

LONDON, W.—Lady Assistant required for Dispensing and Retail West-End business; outdoors. Apply by letter, giving full particulars and salary required, to "L. T." (146/31), Office of this Paper.

LONDON, W. 2.—An experienced Assistant for Front Counter; outdoors; over military age or unfit for service. Apply to E. C. Evans, Pharmacist, Wm. Whiteley, Ltd., Queen's Road.

LONDON, W.C.—Qualified man or woman, with good West-End Dispensing and Counter experience; outdoors. Apply Cofman's Pharmacy, 6 Bloomsbury Street, W.C. 1.

MIDDLESBROUGH.—Assistant, lady or gentleman, for Light Retail and Dispensing. Middleton & Co., Chemists, Middlesbrough.

NEAR BIRMINGHAM.—Unqualified Assistant required for busy Retail and Dispensing (N.H.I.) business; permanent position, with progressive salary; applicants must either be discharged from Army or above military age. "B. H." (144/393), Office of this Paper.

NEAR CROYDON.—Wanted, smart Junior or Improver; knowledge of Photography preferred; comfortable berth to a good man who will take keen interest in business; I offer excellent prospects. Box 159/40, Office of this Paper.

NORTH FINCHLEY.—Assistant required (lady or gentleman); unqualified; able to help at Dispensing; outdoors; no Sunday duty. State experience and salary required, Leverett & Frye, Ltd., High Street, North Finchley, N. 12.

PLUMSTEAD, S.E. 18.—Required as soon as possible for good middle-class business (outdoors), capable Manager; qualified; also one holding Pharmaceutical and Optical diplomas; permanencies. Apply to A. Goldthorpe, M.P.S., 70 Herbert Road, Plumstead, S.E. 18.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

WEST END.—Manager required for a first-class business, to take charge in absence of principal; permanent and progressive position assured. Apply, giving full particulars, to "S. M. M." (137/29), Office of this Paper.

WOLVERHAMPTON.—Junior Assistant in good-class Light Retail Business for Counter work; easy hours, no Sunday or night duty, part-day weekly, in addition to usual half-holiday. Applications, giving particulars of experience, age, and salary required, invited from gentlemen ineligible for the Army, or ladies, Martyn's Stores, Ltd., 26 Queen Street, Wolverhampton.

WEYBRIDGE.—Junior Assistant wanted, lady or gentleman, chiefly for Dispensing Counter; outdoors. Particulars of experience, salary, etc., to Amos & Ashworth, Dispensing Chemists, Church Street, Weybridge.

ASSISTANT wanted; 25-30; ineligible or discharged from Army; reasonable hours, alternate Sunday 6-8, whole day off weekly; salary 50s. Briggs, Cash Chemist, 126 Hoe Street, Walthamstow, E. 17.

ASSISTANT for light Retail and Dispensing business; country town near London; short hours and no Sunday work; permanency. Apply, with all particulars, stating salary required (outdoors), to "Hope" (142/27), Office of this Paper.

A YOUNG lady required for Retail and putting up Stock; a lady Dispenser kept; indoors; London Pharmacy; easy hours. Apply 145/6, Office of this Paper.

EVENINGS; qualified man; alternate Thursday, Sunday, and two or three other evenings about 1½ to 2 hours. Apply Goodall, 66 Lower Richmond Road, Putney.

LADY Assistant wanted immediately for good-class Dispensing and Photography. State particulars of experience, etc., and salary required (indoors), to Cruse & Co., Ltd., The Strand, East Southsea.

LADY Assistant or Junior; one with some all-round experience preferred; good-class business; hours easy. Full particulars, references, and photo if possible, T. L. Nicholls, Pharmacist, Duke Street, Chelmsford.

MESSRS. ALLEN & LLOYD, 21 Station Road, Aldershot, require at once, for their Fleet branch, capable Assistant for Dispensing and Counter work; ineligible or over military age. Apply, with full particulars and salary required, to above address.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

PART-TIME or otherwise for West-End central position, smart gentlemanly Assistant; qualified; outdoors; ineligible, or just over military age; best references only. Apply, with full particulars, to "Gordon" (148/12), Office of this Paper.

QUALIFIED elderly gentleman or lady Pharmacist required for good-class business; light Dispensing; easy hours, and duties very light. Send particulars, including salary required, to J. E. Williams, Ltd., Chemists, Caerphilly, near Cardiff. Comfortable berth offered to suitable applicant.

QUALIFIED Assistant (ineligible for the Army), outdoors, for Mixed Retail and N.H.I. Dispeusing, etc., in small country town. Apply, stating salary required and usual particulars; to 142/18, Office of this Paper.

QUALIFIED Assistant (Minor) required at once for Retail and N.H.I. dispensing. Mrs. Dayney, 47 Regent Street, Kingswood, Bristol.

QUALIFIED Dispenser required for West-End Stores. State full particulars, Mr. Mansell, Drug Department, Junior Army and Navy Stores, 15 Regent Street, S.W.

QUALIFIED Assisfant as Dispenser in substantial Dispensing business; Hospital Dispensing part of the time; moderate hours, Sunday duty once in three weeks. State age and salary required, good references required, 135/16, Office of this Paper.

RELIABLE Assistant (exempt from military service), or lady; good Dispensing experience essential. Please state age, experience, references, salary required, and when disengaged, in first letter, or apply personally, to Bishop & Vincent, 460 Holloway Road, London, N. 7.

REQUIRED, a part-time Dispenser; Mondays, Thursdays, and Saturdays from 11 to 12 noou; salary 40s. per month. Apply 119 Leman Street, E.

REQUIRED, Assistant capable of Weighing and Wrapping Powders; hours of work approximately 8.45 to 6.30, 1 o'clock Saturday, no Sunday duty. Apply, stating full particulars of past experience and salary required, to L. J., Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

REQUIRED, Dispenser; Minor qualifications; hours of work approximately 8.45 to 6.30, 1 o'clock Saturday, uo Suuday duty. Apply, stating full particulars of past experience and salary required, to L. J., Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

REQUIRED, unqualified Assistant for mixed country businese; outdoors; easy hours, no Sunday duty; no N.H.I. Dispensing; good Counterman necessary. State age, salary, references, etc., W. J. Mousley, Chemist, Redditch.

SPRACKETTS, Shipping and Retail Chemists, Tramways Centre, Bristol, require (immediately) a capable, unqualified Assistant; one able to keep Stock and Dress Windows preferred; incligible or discharged. Enclose photo, salary required, and full particulars.

URGENTLY wanted for Tadcaster, Yorks, by single-handed proprietor partly incapacitated by overwork, an Assistant; outdoors; qualification not esseutial, and an elderly man or lady not objected to; nice class country busiuess, with Photography; no Sunday or holiday duty. Apply J. H. Hull, Pharmacist, Boston Spa, Yorke.

WANTED, an Assistant (discharged Army man not objected to) for high-class Dispensing business; outdoors. Salary and particulars, or personal interview preferred, Golds, 59 Church Road, Norwood, S.E. 19.

WANTED, good all-rouud Assistant; quick and accurate Dispenser; able to take charge in absence of the principal; good wages; short hours; country; twenty miuutes from town. State salary and experieuce to 146/37, Office of this Paper.

WHOLESALE.

LONDON Represeutative wanted with some knowledge of Heavy Chemicals. Apply Campion, 58F Hatton Garden.

A FIRM of Manufacturers, Agents, and General Merchants require Travellers with good counection among Chemists, Grocers, and Co-operative Societies, to represent them in all parts of the British Isles; applicants must give full particulars as to ground covered, number of live accounts, etc. Apply 144/11, Office of this Paper.

CAPABLE Saleswoman required for Perfumery department; must have initiative for introducing Toilet requisites; permanency and good prospects for a suitable applicant. Jones & Higgins, Ltd., 1 to 23 Rye Lane, Peckham, S.E. 15.

CHEMIST (Analytical) for an Edinburgh Brewery; permauent situation. Addrèss, with references, and stating salary expected, to No. 286, Keith & Co., Advertising Agents, Edinburgh.

CHEMIST, well up in Oils, Fats, and Organic Chemistry, required for Food Factory in South-West. Apply, stating age, qualifications, and experience, "Cathac" (163/2), Office of this Paper.

EXPERIENCED Forewoman wanted for Perfumery and Chemist Sundries Packing. Apply by letter, stating age, salary, etc., to "J. M. B.," c/o Sangers, 42a Hampstead Road, N.W. 1.

GENTLEMAN required to represeut Lancashire Limited Company; suitable person under certain conditions would be entertained as a member of the firm. Apply 171/320, Office of this Paper.

LABORATORY Assistant wanted at once; energetio and resourceful, with knowledge of manufacturing Creams and Toilet preparations. Write past experience, age, and salary required to 172/18, Office of this Paper.

MANAGER or Manageress for Department engaged in manufacture of Body Belts, Suspensory Bandages, Washing Gloves, Hot-water Bottle Covers, etc.; state previous experience and wages required. Apply 168/46, Office of this Paper.

MANUFACTURING Chemical Foreman, with experience in Crystallising and Purifying, required by a large Midland firm; must be a careful worker; able to manage men; wages 60s. per week, with prospects. Send full particulars to Box No. 452, Smith's Agency, Ltd., 100 Fleet Street, E.C. 4.

PILL MAKER.—A Provincial firm require the services of a competent Pill Maker, capable of undertaking private formulæ by hand. Give full details of experience, and state amount of wages expected, 145/4, Office of this Paper.

TRAVELLERS calling upon Chemists wanted to take up the sale of a well-advertised Proprietary; 15% on first order, 10% on repeats obtained by him or sent direct to proprietors; references required; applicants must state ground covered. "H. L." (144/394), Office of this Paper.

TRUSS and Hosiery Fitter wanted. Apply 163/5, Office of this Paper.

WANTED, a gentlemau with practical experience of Pharmacy, especially manufacturing on large scale; one with capital preferred; limited company, well established; in confidence. Apply 171/32, Office of this Paper.

WANTED for putting up Stock, a man or boy accustomed to Chemist's business, and preferably with some knowledge of Drugs. Apply Mr. Matthews, c/o Savory & Moore, 143 New Bond Street, W.

WANTED by Wholesalers, person experienced in handling Drug Stock, Packing, and Despatching. Address D. P., The American Commerce Co., Ltd., 19 St. Bride Street, E.C. 4.

WANTED, a man who has had experience in the manufacture of Medicinal Gelatine Capsnles by machinery. Apply, stating salary required, etc., to 142/24, Office of this Paper.

WANTED, two Wet Counter hands Apply "H. P." (172/74), Office of this Paper.

WAREHOUSEMAN required, with experience of packing and despatching fine and heavy Chemicals, Stockkeeping, etc.; good wages, and permanency for suitable man over military age; London district. Particulars to 144/62, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

1s. for **12** words or less; **6d.** for every **10** words beyond, prepaid. The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies, or elsewhere abroad.

RANGOON.—Qualified Assistant; ineligible; about 25; salary 300 rupees per month, 325-350; three years' agreement; passage paid out and home. Apply 143/7, Office of this Paper.

SITUATIONS WANTED.

See Notice on Front Page of this Supplement.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.] RETAIL.

ADVERTISER, 40, qualified, requires early appointment; permanency; "Locum"; exceptional experience; any locality. Apply 146/23, Office of this Paper.

ADVERTISER; 29; discharged; part-time experience; energetic. Mention hours, etc., Alexander, 83 Portsdown Road, W. 9.

ADVERTISER; incligible; 31; unqualified; experienced; disengaged Tuesday, Wednesday, Thursday, and Saturday. Particulars, Radix, 20 King Street, Twickenham.

ADVERTISER, single, 41, discharged, unregistered, disengaged; Manager, Locum, or Assistant; first-class experience and references. "Chemious," Luda House, High Street, Skegness.

AFTERNOON post as Dispenser wanted; Doctor, Institution, or Chemist (no Counter); lady, Hall qualification; experienced. E. B., 140 Green Lanes, N. 16.

AS Branch Manager by qualified, elderly, active man; London or district preferred; country not objected to; married; good references; now disengaged; locum taken temporarily. State salary and hours, McLanachan, 17 Gladstone Park Gardens, Cricklewood, N.W.

AS Manager (permanent); experienced in all branches; married; abstainer; ineligible; good references. Apply "Jesse" (136/31), Office of this Paper.

AS Manager or Managing Assistant; unqualified; 35; thoroughly experienced in all branches; good Counterman and Prescriber; permanency preferred in good-class business; distance no object. "Rhei," 3 Queen's Road, Aberystwyth.

ASSISTANT; 20; London apprenticeship; rejected; Dispensing preferred; reference. Mention salary, etc., "Alf." (142/30), Office of this Paper.

ASSISTANT, age 41, free from military service, good all-round experience, at liberty. Particulars, "Phial" (147/4), Office of this Paper.

ASSISTANT, unqualified, 29 years, tall, discharged, requires berth; London preferred. Write, stating commencing salary and particulars, to "Belg." (147/12), Office of this Paper.

BIRMINGHAM.—Assistant or manage Branch; unqualified; 47; smart Salesman, Prescriber, Window-dresser, — N.H.I.; married; disengaged; references. Apply 146/32, Office of this Paper.

BOURNEMOUTH.—Lady (Hall), experienced Dispenser and Bookkeeper, also varied Wholesale experience, requires position in or near Bournemouth. Apply 144/27, Office of this Paper.

BOURNEMOUTH.—Bookkeeper, Stockkeeper, and General Assistant by well-experienced Wholesale man. Apply 135/7, Office of this Paper.

BRISTOL.—Lady desires Part-time or Locum work; experienced Retail, etc.; Hall qualification. Griffiths, 38 Alfred Hill.

DISENGAGED November 4; locum or permanency; all-round experience. "Abinger," Bournevale Road, Streatham.

DISPENSER; good N.I. experience; also Counter; S.E. or S.W.; age 27. Apply "B." (142/33), Office of this Paper.

DISPENSER; Hall certificated; Surgery experience; good reference. Saul (Miss), Farnsfield, Southwell, Notts.

DISPENSER (lady), Hall qualification, experienced, desires post with Doctor or Institution; provinces preferred. Apply 146/35, Office of this Paper.

DISPENSER, daughter of professional man, good education, desires post; Hall certificate; experienced. Apply 146/20, Office of this Paper.

GLASGOW.—Assistant desires Evening Employment; ineligible; good Counterman; unqualified. Apply 144/35, Office of this Paper.

HOSPITAL Dispenser; Locum; qualified. Irving, 66 Rowfant Road, Balham, S.W. 17.

IMMEDIATE.—Lady Dispenser (Hall) desires post, Doctor or Institution; country town; short hours. Apply Morris, 16 York Road, Tunbridge Wells.

IMPROVER; age 16; well educated; indoors. G. J. Coombes, Great Missenden.

LADY Dispenser (Hall) desires post with Doctor in South-West of England; previous experience. Address Miss Young, 2 Shakespeare Avenue, Bath.

LADY Dispenser; Hall; disengaged; 10 years' experience Doctor, Hospital; could combine Housekeeping. Miss Rady, 31 Bitton Avenue, Teignmouth.

LADY Dispenser, Hall qualification, two years' high-class West-End experience, desires engagement; Hospital or Public Dispensary preferred. Apply 145/18, Office of this Paper.

LADY Dispenser (Hall), well recommended, seeks post with Doctor or Institution; North London or West-End preferred. Hickox, 72 Wray Crescent, N. 4.

LADY Dispenser (Hall) desires post with Doctor; country preferred; good references. Write full particulars to "Elsey," 59 Cecile Park, Crouch End, London.

LADY (17) seeks post as Chemist's Assistant or Apprentice; desires to learn Dispensing and Counter work; good education; excellent references; live in preferred. A. E. F. S., "Tye Farms," Monk's Eleigh, Bildeston, Suffolk.

LADY (qualified); experienced Dispensing; three afternoons weekly. Pryer, 123 Wandsworth Bridge Road.

LADY Dispenser desires post; Doctor or Chemist. "B. T.," 66 West Side, Wandsworth Common.

LADY desires post with Doctor or Chemist; part Hall certificate. Apply 147/1, Office of this Paper.

LADY Dispenser (part Hall), qualified (practical and Chemistry) desires post in or near Croydon; some experience; excellent reference. 26 The Waldrons, S. Croydon.

LADY, Hall qualification, registered student, Counter and Dispensing experience, desires post. Apply 144/33, Office of this Paper.

LADY Dispenser (Hall), Trained Nurse, experienced, seeks post with Doctor; Portsmouth preferred. Apply 133/20, Office of this Paper.

LADY (part Hall qualified) desires post Assistant Dispenser; Yorkshire, West Riding preferred. Apply 145/9, Office of this Paper.

LOCUM or temporary; qualified; 23; rejected; please state terms; disengaged November 17. Cohen, 49 Dover Street, Piccadilly, W.

MANAGER, qualified, C3, experienced, reliable, desires good post London; with or without view succession. Apply 142/34, Office of this Paper.

MANAGER or Senior, qualified, married, 27½, ineligible, disengaged in about five weeks; with or without view to succession; West-End experience; outdoors. Apply 144/29, Office of this Paper.

PART-TIME or easy hours; Assistant; C3; Counter, Dispensing; experienced; disengaged; London district. "Nomen" (134/5), Office of this Paper.

PART-TIME; free Saturdays and alternate Sundays; qualified; experienced Dispensing Counter, or take sole charge; London district. Apply 147/11, Office of this Paper.

PART-TIME (qualified) or locum; London or near. "M.P.S." (147/7), Office of this Paper.

PART-TIME; 30; discharged; experienced; free Tuesday, Wednesday, Thursday, and Saturday mornings and afternoons; unqualified. Particulars please, A. Scott, 204 Ebury Street, S.W.

PHARMACIST (Welshman), abstainer, young, ineligible (Mitral Murmar), married, offers services as Manager for good salary; reputed Prescriber, keen Salesman, very neat Dispenser and Window-dresser, with good all-round experience. Apply, stating salary, to "B. S. W." (144/31), Office of this Paper.

PHARMACIST; ten years of successful managements in London and suburbs; resident or non-resident; first-class credentials. Apply 145/1, Office of this Paper.

QUALIFIED, exempt, seeks remunerative permanency in Midlands. "Troy" (145/3), Office of this Paper.

QUALIFIED, C3, desires engagement or temporary work in good-class business as Manager or Assistant; good references; please state hours and salary. Apply 144/37, Office of this Paper.

QUALIFIED; elderly; good-class experience; easy hours; moderate salary. Apply 147/14, Office of this Paper.

QUALIFIED Chemist, 46 (married), desires post in a good-class business; disengaged now; experienced; state salary and hours. Apply "Statim" (172/53), Office of this Paper.

QUALIFIED, exempt, young, disengaged; as Manager or Senior. Smith, Stone Street, Oldbury.

TEMPORARY or part-time post required by lady Dispenser (Hall qualification); experienced; good references; now disengaged. Apply 147/6, Office of this Paper.

TOWN, country; unqualified, 49, disengaged. "Rhei," 37 Upper Kennington Lane, London, S.E.

UNQUALIFIED; good experience; discharged from Navy; classified B3. Rigby, Sandy Lane, Skelmersdale.

UNQUALIFIED, 55, married, active, reliable, useful all-round experience, 10 years away from trade, desires situation with Doctor or Chemist; state salary. Apply 145/38, Office of this Paper.

UNQUALIFIED; Counter, Dispensing, and N.H.I.; Extractor; single; ineligible. Apply "Cuprum" (145/11), Office of this Paper.

UNQUALIFIED; Assistant or Manager; age 49; married; good Salesman, N.H.I.; all-round experience; good references. Apply 146/320, Office of this Paper.

£3 10s. outdoors, £2 5s. indoors, and return fare; as Locum, Branch Manager, Dispenser, or permanency; elderly, thoroughly reliable. "Locum," 3 Milton Market, Portsmouth.

£3 10s.; 32; tall; discharged; good experience; excellent references; unregistered; London suburbs preferred. Apply 145/16, Office of this Paper.

WHOLESALE.

LABORATORY (25), ineligible, eight years' first-class experience in Pharmaceutical, Toilet, and Perfumery, seeks opening. Apply 146/34, Office of this Paper.

PROPAGANDA work; Advertising, Literary, Interviewing; experienced; successful. "—," 57 Penrith Road, Thornton Heath.

TRAVELLER, 15 years' connection, experienced Interviewer and Salesman, seeks representation of Medical Speciality, Patent Medicines, or Food. Apply 147/8, Office of this Paper.

YOUNG Chemist (26), ineligible, 10 years' experience in Pharmaceutical, Perfumery, Galenicals, and Chemicals, unqualified, capable supervisor, desires permanency. 146/29, Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

1s. for **12** words or less; **6d.** for every **10** words beyond, **prepaid.** The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies, or elsewhere abroad.

ENGLISH Chemist, qualified, fluent French and Italian, first-class Continental experience, including three years' Managership, seeks berth in Switzerland. Write 110/17, Office of this Paper.

MISCELLANEOUS.

See Notice on Front Page of this Supplement.

MACADAM & TUCKNISS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. Established 1898. Telephone: 81 Lee Green.

Shares for Sale (free of commission, subject).—40 Allen & Hanbury "B" Preference, 19*s.* 9*d.*; 180 G. B. Kent £1 5½% Preference, 17*s.*; 150 Lewis & Burrows £1 6% Preference, 13*s.* 10½*d.*, with full year's dividend just due; 200 Magadi Soda Deferred, 5*s.* 1½*d.*; 50 Wright Layman £1 6% Preference, 19*s.* 4½*d.*

Wanted (subject).—100 Southall Bros. & Barclay Preference, 16*s.* 6*d.*; 100 Evans, Lescher Preference, 17*s.*; £1,000 Idris Debentures, £57 per £100 Stock.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

100 GROSS Medicine Bottles (second-hand); large quantity for Sale; all sizes. State requirements, T. W. Barnes & Co., Chapel Street, Brighton.

50,000 SACCHARIN Tablets; ½ gr. 330 in 1; 17*s.* 6*d.* per 1,000; cash with order. Bown, Chemist, 154 Cemetery Road, Sheffield.

SACCHARIN Tablets, grains half 330 in 1, 11*5s.* per lb.; 100s. bottles at 22*s.* 6*d.* per dozen; 200s. bottles at 42*s.* per dozen; 500s. bottles at 106*s.* per dozen; cash with order, post paid by return. Walton, Chemist, Batley Carr.

TABLETS AND PILLS.—We have still some 250 lots of Leo's Stock to clear, including Phenacetin and Caffeine (about 40,000), Antipyrin and Caffeine Tablets Blaud's Pill, and Combinations, Quinine, Cascara, Bismuth Soda, etc., Phenolphthalein; all offered at big discount; detailed list on application. A. S. Price & Co., Ltd., Blackheath, Birmingham.

SHOWCASES AND FITTINGS.—Handsome Oak Dispensing Screen and Counter, large Central Mirror, and Mirror-lined Showcases, £20 complete; 10′ Mahogany and Plate-glass Serving Counter, £14 10*s.*; elegant Perfumery and Tooth-brush Case combined, unique design, £7 10*s.* Hundreds of other bargains. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C. 1.

SECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

8/6 3 Years 4 Columns

Jay Mack's Ledger

gives Yearly Sales, Purchases, Exes., with only 10 mins. work weekly; Easy Stocktaking explained; Form Pages show Balance Sheets and Income Tax Deductions; no previous Bookkeeping experience needed.

10/6 4 Years 5 Columns

On appro. on receipt of cheque. 6d. Booking Fee plus Post if returned.

Mack-Ivor, Hightown P.O., Crewe. | Ayrtons, Evans, Bleasdale, Ucal Raimes (Edinb.) | Australia: Elliotts, C.D.A. | S. Africa: Border Drug, Gardners.

100,000 SACCHARIN TABLETS

(½ gr. 330 in 1), **17s. 3d.** per 1000; 5000, **16s. 10d.** per 1000; 10,000, **16s. 9d.** per 1000. Cash with order.

Special prices to Wholesale Houses for larger quantities.

R. HOULT, Wholesale Druggist, 80 Box, 73 Elford Grove, LEEDS



XMAS WINDOW TICKETS & WINDOW POSTERS.

produced in Artistic & Refined Colorings for advertising Christmas Presents.

LIST SHOWING 100 DESIGNS FREE.

DUDLEY & COY HOLLOWAY Rd LONDON. N.

PAPER

White Demy from 9/6; Yellow Wove, 13/6; Brown, White and Coloured Tissues, Small Hands (Whitey-Brown) from 6/-; Seidlitz Blue, 9/-; English Krafts and Browns. String, 8 oz. balls, 10/6 per dozen. Stout Parcel String, 16 oz. balls, 15/- per doz. Samplee on application, only if weight of ream is given or sample sent to match.

D. W. BULL,

4 Churchill Road, Homerton, E. 9.

THERE IS MONEY

to be made in the Photographic Department of your business, but the Developing, &c., must be **WELL** and **QUICKLY** done. We are experts, and return all work promptly. We pay return postage on all orders of 2/- or over. Send for our list and give us a trial.

STEAD & CO., Photographic Experts, Duke St., BRIGHTON.

TEA SWEETENERS

"ASPANCO" BRAND.

Perfect Substitute for Sugar. Per 1000, **14/-**, post free, cash with order. Also in **6d.** and **1/-** boxes, and bottles of 100, 250 and 500. SEND FOR LIST.

A. S. PRICE & CO., Ld. Blackheath, BIRMINGHAM

DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED, plain or graduated.
3 and 4 ounce. 6 and 8 ounce. 12 ounce.
WHITE PHIALS, plain or teaspoons.
½ ounce. 1½ ounce.
1 " 2 "
BLUE LOTION BOTTLES, all sizes.

Lowest Market Prices Charged.

CORKS. Superior Quality. No advance in price.
5 and 8 ounce ... ... **1s.** per gross, in 6 gross bags.
Vials ... ... **10d.** per gross, in 3 gross bags.

Delivered free within 7 miles, and to certain stations. Particulars on application.

I. ISAACS & CO., Glass Bottle Manufacturers,
106 Midland Road, St. Pancras, London, N.W. 1,
or ISLINGTON BOTTLE COMPANY,
7 New Inn Yard, Tottenham Court Road, London, W. 1.
Orders sent to either establishment have attention.
Established 100 Years.
Bankers: London County and Westminster Bank, Bloomsbury Branch.

ALL CHEMISTS SHOULD STOCK ABDINE

THE GOLD MEDAL FRUIT DRINK.
Quick Seller. Big Profits. Over 40 Years' Reputation.
"ABDINE" is the most popular Health Drink. Superior to all Mineral Waters. Sold in Packets, 2 for **2½d.**; Boxes of 13 Packets **1/3.**
Wholesale Prices on application. Sample Box 1/3.
D. M'GLASHAN, M.P.S., Abdine Works, Westfield Road, EDINBURGH.

WAR WANTS EXCHANGE.

For the terms upon which announcements are inserted herein see Supplement for October 20, p. xxxvii.

WANTED.

Ol. caryophylli (146/27)
Phenazonum (146/27)
Potass. bromid. (146/27)
Potass. permang. (146/27)
Quinine (146/27)
Sodii salicyl. (146/27)
Tinct. opii (146/27)

Change of address

Will you please note the change in our address? We have completely outgrown our premises in Pelham Street, Nottingham (although they were new only three years ago), and are now installed at

"RECORD" WORKS,
CHAUCER STREET,
NOTTINGHAM.

Tel.: Nottingham 5319. Telegrams: "Medical Nottingham."

The New Factory is equipped in a most thorough manner, and we hope to be able at least to double our output.

PELHAM SURGICAL INSTRUMENT CO. LTD.

Manufacturers of "Record" Hypo. Syringes, Hypodermic Needles, Surgical Instruments of every description, and Artificial Limbs.

Contractors to H.M. War Office, Ministry of Munitions, India Office, Russian, Italian, and Belgian Governments, &c.

London and Export Agents:

Wilfred Turner & Co., Ltd., 30 Craven Street, Strand, London, W.C. 2.

To Photographic Dealers who are Overstocked

Send us CAMERAS, APPARATUS & SUPPLIES.

We pay Cash by return.

We offer TWO-THIRDS LIST PRICE for

No. 0 and No. 1 Brownies; No. 2 Folding Autographic Brownies; No. 1 Junior Kodaks with R.R. and Anastigmat lenses; Vest Pocket Kodaks with R.R. and Anastigmat lenses; Watch Pocket Carbines, Vest Pocket Kodak and Brownie Enlargers, Kodak Daylight Developing Tank, and Spools for Vest Pocket Kodaks and Brownies.

Above must be in new condition and spools fresh.

Also, we give relatively high prices for all classes of Photographic Goods. Folding Cameras of all descriptions, Stand Cameras, and Apparatus of all kinds.

Pack up a box of goods you do not require, send along to us, and we will remit by return. If goods are other than above, we will acknowledge at once, and make you our best offer. If not accepted, goods will be sent back, **carriage paid,** at once.

We do not quibble, and we do our business in a business-like way!

NOTE ONLY ADDRESS:

WATSONS, THE CAMERA HOUSE, 84 High Street, SHEFFIELD. Tel. No. 27.

EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6*d*.

FOR DISPOSAL.

BOOKS AND PERIODICALS.

7 VOLUMES "Chemist and Druggist"; leather bound; in good condition; 1899, 1898, 1897, 1896, 1895, 1900, 1901; what offer? Leach, 40 Carlton Grove, Peckham, London, S.E.

DRUGS AND CHEMICALS.

OL Lav. Angl., Mitcham, Meggeson's sealed old one × 1 lb. bottle, one × 2 lb. What offers? Fitt, Chemist, 15 St. Stephen's Road, Norwich.

2 lb. Bismuth Subnit., 12*s*. lb.; 8 oz. Quin. Sulph., 3*s*. oz.; 2 oz. Thymol. Pur., 3*s*. 6*d*. oz.; 2 oz. Phenolphthaleine, 5*s*. 6*d*. oz.; 4 oz. Caffeine Pure, 3*s*. oz.; 4 oz. Phenacetin, 4*s*. oz.; all guaranteed strictly B.P.; cash, or will exchange for Saccharin or Aspirin Tablets. Brewer & Marston, Chemists, 44 Copthall Avenue, E.C.

DENTAL.

NEARLY new, 12 Upper and Lower Forceps in pouch; also Gum Lancet and Mouth Mirror. What offers? R. B., 121a St. Albans Road, Watford.

MISCELLANEOUS.

WHAT Offers for 2 owt. 7″ sticks Sealing Wax? Thomas Horton, Merthyr.

WANTED.

MOYLAN Analgesia Apparatus; complete. Apply 137/24, Office of this Paper.

A FEW Pedestals; also personal Weighing Machine. Particulars and price, Lindsay, Maybole.

STRONG'S (American) Arnica Tooth Soap. Say quantity, Wimpory, 131 Bunhill Row, E.C.

WANTED, Woolf & Son's Vienna Schupan Pomade. Edwards, 35 King Street, Cheapside.

ARSENIC; best offers made for odd lots; state quantity. Address 172/360, Office of this Paper.

SACCHARIN wanted; small or large quantities. Timothy White Co., Ltd., Portsmouth.

WANTED, Brass Mortar and Pestle, or each separately. Apply 142/26, Office of this Paper.

SACCHARIN, guaranteed 550 strength, wanted Offers to Lloyd, 323 Coventry Road, Birmingham

HALE'S "Vin Sanguis" wanted. State size and quantity, F. E. Bannister, Chemist, Bloxwich.

ATTFIELD'S "Chemistry"; recent edition. State price, Perkin, The Henbury's, Kings Heath, Birmingham.

CHEMIST'S Surplus Stock and Drugs purchased for cash. Price and particulars to 145/17, Office of this Paper.

WANTED, "Chemist and Druggist" for April 30, 1898. Send with price to "S. B." (15/15), Office of this Paper.

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CARDBOARD Cartons wanted; any odd lots about ½ and 1 lb. sizes. State quantity, price, 172/36, Office of this Paper.

WANTED, Steam or Gas-heated Copper Pan; tilting or outlet in bottom and stirrers. Lichtenstein & Co., Thames Road, Silvertown.

WANTED, new or second-hand Oil Drums, with or without taps; from 1 gallon to 10 gallons. Apply Davies, Chemist, Presteign.

ROBERTS' Filling Machine; any condition; reasonable. Full particulars and price to Jacksons, Mineral Water Engineers, Pownall Square, Liverpool.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

FILLING Machine for Face Creams; either new or second-hand; in thoroughly good condition. Send particulars and price to 172/61, Office of this Paper.

SMALL Ointment Mixer and Ointment Tube Filler wanted at once. Prompt replies to Mrs. A. B. Reynell, 8 Duchess Street, Portland Place, W. 1.

WANTED immediately, Fittings and Fixtures for up-to-date Pharmacy; Stock Bottles recess labelled; give description with lowest price cash. Apply 144/24, Office of this Paper.

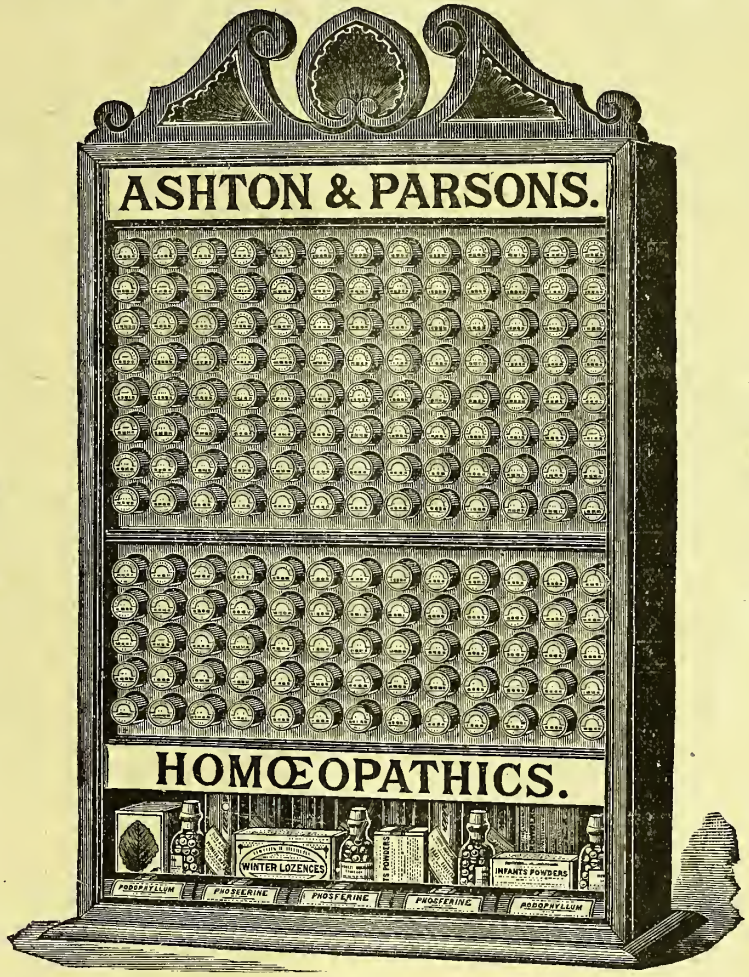
SECOND-HAND ARTICLES WANTED.—Two Show Cases, silent salesman style, about 2 ft. × 2 ft. × 6½ ft. high; one Show Case, silent salesman style, about 2 ft. wide, 4 to 6 ft. long, 6½ ft. high, fitted with usual glass shelves; may be worn and shabby, but not broken in any part. One small Delivery Tricycle in good order; one Chemist's Outside Show Lamp for electric light. Describe general condition of articles, and state prices required; delivered in City. Address "K. & Co." (142/31), Office of this Paper.

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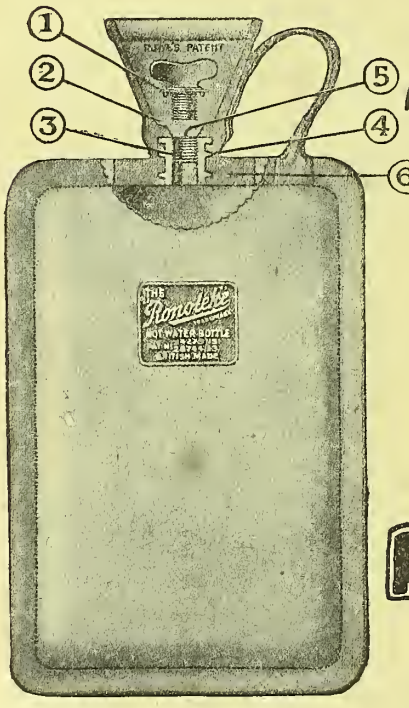
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